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OM protein - protein search, using sw model

Run on: June 11, 2003, 08:00:14 ; Search time 15.125 Seconds
 {without alignments}
 256.782 Million cell updates/sec

Title: US-09-662-783-4
 Perfect score: 737
 Sequence: 1 MYLDPPRGRSYHDKSKV. DIQLDHERCDCICSSRPPR 132
 Scoring table: BIOSM62
 Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0
 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
 Maximum Match 100%
 Listing first 45 summaries

Database : Issued Patents AA:*

- 1: /cnr2_6/podata/1/iaa/5A_COMB.pep:*
- 2: /cnr2_6/podata/1/iaa/6A_COMB.pep:*
- 3: /cnr2_6/podata/1/iaa/6B_COMB.pep:*
- 4: /cnr2_6/podata/1/iaa/6C_COMB.pep:*
- 5: /cnr2_6/podata/1/iaa/PCITS_COMB.pep:*
- 6: /cnr2_6/podata/1/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	737	100.0	370	4	US-09-457-066-37
2	737	100.0	370	4	US-09-540-224-2
3	686	93.1	370	4	US-09-540-224-4
4	328.5	44.6	345	4	US-09-04-220D-2
5	328.5	44.6	345	2	US-09-457-066-2
6	328.5	44.6	345	4	US-09-265-686-2
7	328.5	44.6	345	5	US-09-540-224-5
8	324.5	44.0	345	4	US-09-457-066-43
9	118	16.0	24	4	US-09-540-224-9
10	14.0	321	4	US-09-915-795-9	
11	103	14.0	325	4	US-08-915-795-3
12	103	14.0	354	4	US-08-915-795-5
13	103	14.0	358	4	US-08-915-795-8
14	102	13.8	109	4	US-09-469-186-1
15	95.5	13.0	102	1	US-08-469-427A-2
16	95.5	13.0	102	2	US-08-469-443B-2
17	95.5	13.0	102	4	US-08-851-896-2
18	95.5	13.0	102	4	US-08-851-896-2
19	95.5	13.0	133	2	US-08-469-427A-9
20	95.5	13.0	133	2	US-08-569-063C-9
21	95.5	13.0	133	4	US-08-851-896-9
22	95.5	13.0	133	4	US-08-851-896-9
23	95.5	13.0	188	1	US-08-469-427A-5
24	95.5	13.0	188	2	US-08-609-443B-5
25	95.5	13.0	188	2	US-08-569-063C-5
26	95.5	13.0	188	4	US-08-469-186-5
27	95.5	13.0	207	2	US-08-609-443B-13

ALIGNMENTS

RESULT 1:
 US-09-457-066-37
 ; Sequence 37, Application US/09457066
 ; Patent No. 6432673
 ; GENERAL INFORMATION:
 ; APPLICANT: Gao, Zeren
 ; APPLICANT: Hart, Charles E.
 ; APPLICANT: Piddington, Christopher S.
 ; APPLICANT: Sheppard, Paul O.
 ; APPLICANT: Shoemaker, Kimberly E.
 ; APPLICANT: Gilbertson, Debra G.
 ; APPLICANT: West, James W.
 ; TITLE OF INVENTION: GROWTH FACTOR HOMOLOG ZVEGF3
 ; FILE REFERENCE: 98-60
 ; CURRENT APPLICATION NUMBER: US/09/457,066
 ; NUMBER OF SEQ ID NOS: 50
 ; SOFTWARE: FastSPS for Windows Version 3.0
 ; SEQ ID NO: 37
 ; LENGTH: 370
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-09-457-066-37

Query Match: Best Local Similarity 100.0%; Score 737; DB 4; Length 370;
 Matches 132; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MYLDPPRGRSYHDKSKVYLDRNDKRYSTPRNYSYNTRREKLANVFFPRCL 60
 Db 239 MYLDPPRGRSYHDKSKVYLDRNDKRYSTPRNYSYNTRREKLANVFFPRCL 298

61 VORCGNGCGGTGVWRSCCTONSGKTVKKHEVLOEFGHKRRGAKTMALVDIOLDHIE 120
 Db 299 VORCGNGCGGTGVWRSCCTONSGKTVKKHEVLOEFGHKRRGAKTMALVDIOLDHIE 358

Db 359 RDCCICSSRPPR 370

RESULT 2:
 US-09-540-224-2
 ; Sequence 2, Application US/09540224
 ; Patent No. 646853
 ; GENERAL INFORMATION:
 ; APPLICANT: Gilbertson, Debra G.
 ; APPLICANT: Hart, Charles E.
 ; TITLE OF INVENTION: METHODS FOR PROMOTING GROWTH OF BONE,
 ; TITLE OF INVENTION: LIGAMENT AND CARTILAGE USING ZVEGF4,

FILE REFERENCE: 00-28
 CURRENT APPLICATION NUMBER: US/09/540,224
 CURRENT FILING DATE: 2000-03-31
 EARLIER APPLICATION NUMBER: US 60/180,169
 EARLIER FILING DATE: 2000-02-04
 NUMBER OF SEQ ID NOS: 9
 SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO 2
 LENGTH: 370
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-540-224-2

Query Match 100.0%; Score 737; DB 4; Length 370;
 Best Local Similarity 100.0%; Pred. No. 3.1e-77; Mismatches 0; Indels 0; Gaps 0;
 Matches 132; Conservative 0; MisMatches 0; InDelS 0; GapS 0;

QY 1 MYLDTPRGRGSRSHDRSKVLDRLNDAAKRYSCPTPRNSVNREELKLANVVFPPRCIL 60
 Db 239 MYLDTPRGRGSRSHDRSKVLDRLNDAAKRYSCPTPRNSVNREELKLANVVFPPRCIL 298

QY 61 VORCGNGCCGTWNWRSCTCNSGKTVKKYHEVLQFEPGHIKRRGAKTMAVLQDIDH 120
 Db 299 VORCGNGCCGTWNWRSCTCNSGKTVKKYHEVLQFEPGHIKRRGAKTMAVLQDIDH 358

QY 121 RDCDCSSRPR 132
 Db 359 RDCDCSSRPR 370

RESULT 3
 US-09-540-224-4
 Sequence 4, Application US/09540224
 Patent No. 6468543
 GENERAL INFORMATION:
 APPLICANT: Gilbertson, Debra G.
 TITLE OF INVENTION: METHODS FOR PROMOTING GROWTH OF BONE, LIGAMENT AND CARTILAGE USING ZVEGF4
 FILE REFERENCE: 00-28
 CURRENT APPLICATION NUMBER: US/09/540,224
 CURRENT FILING DATE: 2000-03-31
 EARLIER APPLICATION NUMBER: US 60/180,169
 EARLIER FILING DATE: 2000-02-04
 NUMBER OF SEQ ID NOS: 9
 SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO 4
 LENGTH: 370
 TYPE: PRT
 ORGANISM: Mus musculus
 US-09-540-224-4

Query Match 93.1%; Score 686; DB 4; Length 370;
 Best Local Similarity 90.2%; Pred. No. 2.5e-71; Mismatches 7; Indels 0; Gaps 0;
 Matches 119; Conservative 7; MisMatches 6; InDelS 0; GapS 0;

QY 1 MYLDTPRGRGSRSHDRSKVLDRLNDAAKRYSCPTPRNSVNREELKLANVVFPPRCIL 60
 Db 239 LYLDTPRGRGSRSHDRSKVLDRLNDAAKRYSCPTPRNSVNREELKLANVVFPPRCIL 298

QY 61 VORCGNGCCGTWNWRSCTCNSGKTVKKYHEVLQFEPGHIKRRGAKTMAVLQDIDH 120
 Db 299 VORCGNGCCGTWNWRSCTCNSGKTVKKYHEVLQFEPGHIKRRGAKTMAVLQDIDH 358

QY 121 RDCDCSSRPR 132
 Db 359 RDCDCSSRPR 370

RESULT 4
 US-09-040-220D-2
 Sequence 2, Application US/09040220D
 Patent No. 631311

Query Match 44.6%; Score 328.5; DB 4; Length 345;
 Best Local Similarity 49.2%; Pred. No. 4.8e-30; Mismatches 63; Conservative 20; MisMatches 40; Indels 5; Gaps 3;
 Matches 63; Conservative 20; MisMatches 40; InDelS 5; GapS 3;

QY 1 MYLDTPRGRGSRSHDRSKVLDRLNDAAKRYSCPTPRNSVNREELKLANVVFPPRC 58
 Db 215 LYRPTWQFLIGKAFVFGKRSVWDLNLLTEEVRLYSCPTPRNSVSIREELKLRTDIFWPGC 274

QY 59 LIIVQRCGGNGCCGTWNWRSCTCNSGKTVKKYHEVLQFEPGHIKRRGAKTMAVLQDIDH 118
 Db 275 LIIVQRCGGNCACCLHNCNECQCVPSPKVKKYHEVLQLRP--KTGVRLHKSITDALEH 331

QY 119 HERCDCTC 126
 Db 332 HEEDCVC 339

RESULT 5
 US-09-457-066-2
 Sequence 2, Application US/09457066
 Patent No. 632673
 GENERAL INFORMATION:
 APPLICANT: Gao, Zeren
 APPLICANT: Hart, Charles E.
 APPLICANT: Piddington, Christopher S.
 APPLICANT: Sheppard, Paul O.
 APPLICANT: Shoemaker, Kimberly E.
 APPLICANT: Gilbertson, Debra G.
 APPLICANT: West, James W.
 TITLE OF INVENTION: GROWTH FACTOR HOMOLOG ZVEGF3
 FILE REFERENCE: 98-60
 CURRENT APPLICATION NUMBER: US/09/457,066
 CURRENT FILING DATE: 1999-12-07
 NUMBER OF SEQ ID NOS: 50
 SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO 2
 LENGTH: 345
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-457-066-2

Query Match 49.2%; Score 328.5; DB 4; Length 345;
 Best Local Similarity 49.2%; Pred. No. 4.8e-30; Mismatches 63; Conservative 20; MisMatches 40; Indels 5; Gaps 3;
 Matches 63; Conservative 20; MisMatches 40; InDelS 5; GapS 3;

QY 1 MYLDTPRGRGSRSHDRSKVLDRLNDAAKRYSCPTPRNSVNREELKLANVVFPPRC 58
 Db 215 LYRPTWQFLIGKAFVFGKRSVWDLNLLTEEVRLYSCPTPRNSVSIREELKLRTDIFWPGC 274

QY 59 LIIVQRCGGNCACCLHNCNECQCVPSPKVKKYHEVLQLRP--KTGVRLHKSITDALEH 331

Db 325 LIIVQRCGGNCACCLHNCNECQCVPSPKVKKYHEVLQLRP--KTGVRLHKSITDALEH 331

QY 119 HERCDCTC 126
 Db 332 HEEDCVC 339

RESULT 6

US-09-265-686-2

; Sequence 2, Application US/09255686

; Patent No. 645283

GENERAL INFORMATION:

; APPLICANT: Ferrara, Napoleone

; APPLICANT: Kuo, Sophia S.

; TITLE OF INVENTION: POLYPEPTIDES HOMOLOGOUS TO VEGF AND BMP1

; FILE REFERENCE: P112P2

; CURRENT APPLICATION NUMBER: US/09/265,686

; CURRENT FILING DATE: 1999-03-10

; PRIOR APPLICATION NUMBER: US 09/040,220

; PRIOR APPLICATION NUMBER: US 09/184,216

; PRIOR FILING DATE: 1998-11-02

; NUMBER OF SEQ ID NOS: 8

; SEQ ID NO 2

; LENGTH: 345

; TYPE: PRT

; ORGANISM: Human

; US-09-265-686-2

Query Match 44.6%; Score 328.5; DB 4; Length 345;

Best Local Similarity 49.2%; Pred. No. 4.8e-30; Matches 63; Conservative 20; Mismatches 40; Indels 5; Gaps 3;

Qy 1 MYLDTPRGRGSY-HDRSKV-VDLDRLNDDAKRYSTPRNYSVNTRLREELKLANVVFFPRC 58

Db 215 LYRPTWQLGKAFVKFRKSVDLNLITEEVRLYSCTPRNFSVSIREELKRTDTIFWPGC 274

Qy 59 LLVQRGGNCACCGTVMWRSCTNSGKTVKKYHEVLOFEPGHIKRGRAKUMALVQLDH 118

Db 275 LLVKRCGGNCACCLHNNECOCVPSPKVTKYHEVQLRP---KTVGVLHKSLTDVALEH 331

Qy 119 HERDCIC 126

Db 332 HEEDCVC 339

RESULT 7

; Sequence 5, Application US/09540224

; Patent No. 6468543

GENERAL INFORMATION:

; APPLICANT: Hart, Charles E.

; APPLICANT: Hart, Charles E.

; TITLE OF INVENTION: METHODS FOR PROMOTING GROWTH OF BONE,

; TITLE OF INVENTION: LIGAMENT AND CARTILAGE USING ZVEGF4

; FILE REFERENCE: 00-28

; CURRENT APPLICATION NUMBER: US/09/540,224

; CURRENT FILING DATE: 2000-03-31

; EARLIER APPLICATION NUMBER: US 60/180,169

; EARLIER FILING DATE: 2000-02-04

; NUMBER OF SEQ ID NOS: 9

; SOFTWARE: FastSEQ for Windows Version 3.0

; SEQ ID NO 5

; LENGTH: 345

; TYPE: PRT

; ORGANISM: Homo sapiens

; US-09-540-224-5

Query Match 44.6%; Score 328.5; DB 4; Length 345;

Best Local Similarity 49.2%; Pred. No. 4.8e-30; Matches 63; Conservative 20; Mismatches 40; Indels 5; Gaps 3;

Qy 1 MYLDTPRGRGSY-HDRSKV-VDLDRLNDDAKRYSTPRNYSVNTRLREELKLANVVFFPRC 58

Db 215 LYRPTWQLGKAFVKFRKSVDLNLITEEVRLYSCTPRNFSVSIREELKRTDTIFWPGC 274

Qy 59 LLVQRGGNCACCGTVMWRSCTNSGKTVKKYHEVLOFEPGHIKRGRAKUMALVQLDH 118

Db

275 LLVKRCGGNCACCLHNNECOCVPSPKVTKYHEVQLRP---KTVGVLHKSLTDVALEH 331

Qy 119 HERCIC 126

| | | | |

332 HEEDCVC 339

RESULT 8

US-09-457-066-43

; Sequence 43, Application US/09457066

; Patent No. 6432673

GENERAL INFORMATION:

; APPLICANT: Gao, Zeren

; APPLICANT: Hart, Charles E.

; APPLICANT: Piddington, Christopher S.

; APPLICANT: Shepard, Paul O.

; APPLICANT: Shoemaker, Kimberly E.

; APPLICANT: Gilbertson, Debra G.

; APPLICANT: West, James W.

; TITLE OF INVENTION: GROWTH FACTOR HOMOLOG ZVEGF3

; CURRENT APPLICATION NUMBER: US/09/457,066

; CURRENT FILING DATE: 1999-12-07

; NUMBER OF SEQ ID NOS: 50

; SOFTWARE: FastSEQ for Windows Version 3.0

; SEQ ID NO 43

; LENGTH: 345

; TYPE: PRT

; ORGANISM: Mus musculus

; US-09-457-066-43

Query Match 44.0%; Score 324.5; DB 4; Length 345;

Best Local Similarity 48.4%; Pred. No. 1.4e-29; Matches 62; Conservative 22; Mismatches 39; Indels 5; Gaps 3;

Qy 1 MYLDTPRGRGSY-HDRSKV-VDLDRLNDDAKRYSTPRNYSVNTRLREELKLANVVFFPRC 58

Db 215 LYRPTWQLGKAFVKFRKSVDLNLITEEVRLYSCTPRNFSVSIREELKRTDTIFWPGC 274

Qy 59 LLVQRGGNCACCGTVMWRSCTNSGKTVKKYHEVLOFEPGHIKRGRAKUMALVQLDH 118

Db 275 LLVKRCGGNCACCLHNNECOCVPSPKVTKYHEVQLRP---KTVGVLHKSLTDVALEH 331

Query Match 44.0%; Score 324.5; DB 4; Length 345;

Best Local Similarity 48.4%; Pred. No. 1.4e-29; Matches 62; Conservative 22; Mismatches 39; Indels 5; Gaps 3;

Qy 1 MYLDTPRGRGSY-HDRSKV-VDLDRLNDDAKRYSTPRNYSVNTRLREELKLANVVFFPRC 58

Db 215 LYRPTWQLGKAFVKFRKSVDLNLITEEVRLYSCTPRNFSVSIREELKRTDTIFWPGC 274

Qy 59 LLVQRGGNCACCGTVMWRSCTNSGKTVKKYHEVLOFEPGHIKRGRAKUMALVQLDH 118

Db 275 LLVKRCGGNCACCLHNNECOCVPSPKVTKYHEVQLRP---KTVGVLHKSLTDVALEH 331

RESULT 9

US-09-540-224-9

; Sequence 9, Application US/09540224

; Patent No. 6468543

GENERAL INFORMATION:

; APPLICANT: Gilbertson, Debra G.

; APPLICANT: Hart, Charles E.

; TITLE OF INVENTION: METHODS FOR PROMOTING GROWTH OF BONE,

; TITLE OF INVENTION: LIGAMENT AND CARTILAGE USING ZVEGF4

; FILE REFERENCE: 00-28

; CURRENT APPLICATION NUMBER: US/09/540,224

; CURRENT FILING DATE: 2000-03-31

; EARLIER APPLICATION NUMBER: US 60/180,169

; EARLIER FILING DATE: 2000-02-04

; NUMBER OF SEQ ID NOS: 9

; SOFTWARE: FastSEQ for Windows Version 3.0

; SEQ ID NO 24

; LENGTH: 24

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: peptide

; US-09-540-224-9

Query Match 16.0%; Score 118; DB 4; Length 24;

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Evanson, McKeown, Edwards & Lenahan P.L.L.C.
 STREET: 1200 G Street, NW, Suite 700
 CITY: Washington
 STATE: DC
 COUNTRY: United States of America
 ZIP: 20005
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, version #1.25
 CURRENT APPLICATION DATA:
 CURRENT APPLICATION NUMBER: US/08/915,795
 APPLICATION NUMBER: US/08/915,795
 FILING DATE:
 CLASSIFICATION: 536
 ATTORNEY/AGENT INFORMATION:
 NAME: EVANS, Joseph D.
 REGISTRATION NUMBER: 26,269
 REFERENCE/DOCKET NUMBER: 1064/42983
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (202) 628-8000
 TELEFAX: (202) 628-8844
 TELEX: N/A
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 354 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 HOMOTHERICAL: NO
 ORIGINAL SOURCE:
 TISSUE TYPE: Human Lung
 US-08-915-795-5

Query Match 14.0%; Score 103; DB 4; Length 354;
 Best Local Similarity 27.8%; Pred. No. 0.00058; Matches 35; Conservative 17; Mismatches 46; Indels 28; Gaps 6;

QY | 7 RYGRGSYHDKSKVLDRLNDAKRYSCTPRNYSVNIREEL-KIANVVFFPRCLLNVQRGC 65
 Db | 8 RFAATFYDTELKV---DEEMORTQCSPRETCVVEVASELGKSTNTFFKPPCVNFRGC 143

QY | 66 GNCCGGTVWWRSCCTCNSGKTT--VKKYHEV--LQFERPHIKRRGAKTMAVLIDQLDRH 119
 Db | 144 GCC---NEESLICMNTTSYISKOLFELISVPLTSPV-----ELVPVKVANH 186

QY | 120 ERCDCI 125
 Db | 187 TGCKCL 192

RESULT 13
 US-08-915-795-8
 Sequence 8 Application US/08915795
 Patient No. 623513
 GENERAL INFORMATION:
 APPLICANT: Marc G. ACHEN
 APPLICANT: Andrew F. WILKS
 APPLICANT: Steven A. STACKER
 APPLICANT: Kari ALITALO
 TITLE OF INVENTION: GROWTH FACTOR
 NUMBER OF SEQUENCES: 11
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Evanson, McKeown, Edwards & Lenahan P.L.L.C.
 STREET: 1200 G Street, NW, Suite 700
 CITY: Washington
 STATE: DC
 COUNTRY: United States of America
 ZIP: 20005
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, version #1.25
 CURRENT APPLICATION DATA:
 CURRENT APPLICATION NUMBER: US/09/469,186
 APPLICATION NUMBER: US/09/469,186
 FILING DATE:
 CLASSIFICATION: 536
 ATTORNEY/AGENT INFORMATION:
 NAME: EVANS, Joseph D.
 REGISTRATION NUMBER: 26,269
 REFERENCE/DOCKET NUMBER: 1064/42983
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (202) 628-8844
 TELEX: N/A
 INFORMATION FOR SEQ ID NO: 8:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 358 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 ORIGINAL SOURCE:
 TISSUE TYPE: Mouse Lung
 US-08-915-795-8

Query Match 14.0%; Score 103; DB 4; Length 358;
 Best Local Similarity 27.0%; Pred. No. 0.00059; Matches 34; Conservative 17; Mismatches 47; Indels 28; Gaps 6;

QY | 7 RYGRGSYHDKSKVLDRLNDAKRYSCTPRNYSVNIREEL-KIANVVFFPRCLLNVQRGC 65
 Db | 93 RFAATFYDTELKV---DEEMORTQCSPRETCVVEVASELGKSTNTFFKPPCVNFRGC 143

QY | 66 GNCCGGTVWWRSCCTCNSGKTT--VKKYHEV--LQFERPHIKRRGAKTMAVLIDQLDRH 119
 Db | 149 GCC---NEEGVCMNTTSYISKOLFELISVPLTSPV-----ELVPVKVANH 191

Db | 120 ERCDCI 125
 Db | 192 TGCKCL 197

RESULT 14
 US-09-469-186-1
 Sequence 1 Application US/09469186
 Patient No. 638364
 GENERAL INFORMATION:
 APPLICANT: ACHEN, Marc G
 APPLICANT: STACKER, Steve A.
 APPLICANT: STACKER, Steve A.
 FILE REFERENCE: ACHEN et al-1064-44660
 CURRENT APPLICATION NUMBER: US/09/469,186
 CURRENT FILING DATE: 1999-12-21
 EARLIER APPLICATION NUMBER: 60/113,254
 EARLIER FILING DATE: 1998-12-21
 EARLIER APPLICATION NUMBER: 60/134,556
 EARLIER FILING DATE: 1999-05-17
 NUMBER OF SEQ ID NOS: 1
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 1
 LENGTH: 109
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-469-186-1

Query Match 13.8%; Score 102; DB 4; Length 109;
 Best Local Similarity 28.7%; Pred. No. 0.00017; Matches 31; Conservative 16; Mismatches 37; Indels 24; Gaps 5;

QY | 25 LNDAAKRYSCTPRNYSVNIREEL-KIANVVFFPRCLLNVQRGGNGCGTVWNRSCTCNSG 83
 Db | 10 IDEEMORTQCSPRETCVVEVASELGKSTNTFFKPPCVNFRGCC----NEESLICMNT 64

RESULT 15
 US-08-469-427A-2
 Sequence 2, Application US/08469427A
 Patent No. 5607918
 GENERAL INFORMATION:
 APPLICANT: ERIKSSON, Ulf
 APPLICANT: Olofsson, Birgitta
 APPLICANT: Alitalo, Kari
 APPLICANT: Pajusola, Katri
 TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND
 NUMBER OF SEQUENCES: 17
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Everson, McKeown, Edwards & Lenahan
 STREET: 1200 G Street, N.W., Suite 700
 CITY: Washington
 STATE: DC
 ZIP: 20005
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patientin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08469,427A
 FILING DATE: 06-JUN-1995
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/397,651
 FILING DATE: 01-MAR-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Evans, Joseph D
 REGISTRATION NUMBER: 26,269
 REFERENCE/DOCKET NUMBER: 41979cp2
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (202) 628-8800
 TELEFAX: (202) 628-8844
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 102 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 HYPOTHETICAL: NO
 ORIGINAL SOURCE:
 TISSUE TYPE: mouse embryo
 US-08-469-427A-2

Query Match 13.0%; Score 95.5; DB 1; Length 102;
 Best local Similarity 27.9%; Pred. No 0.00091; Indels 21; Gaps 5;
 Matches 29; Conservative 16; Mismatches 38; Gaps 5;

Qy 31 RYSTCPRNNSYNIREELKIANVV--FFPRCLLUVORGCGNCGGCTVNWNSCTCNSGKVKK 88
 13 RATCPREVVVPLSMEL-MGNVYKOLVPSCVTYQRCG--GCCPDGGLCVCPTGQHQVRYM 68
 Qy 89 YHEVLQFEGHIRRGRAKTMALVDIQLDHERCDCICSSRPPR 132
 Db 69 QIMIQY-----PSSQIGEMSLIEHSQCCEC---RPK 97

Search completed: June 11, 2003, 08:03:30
 Job time : 15.125 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model.

Run on: June 11, 2003, 08:02:15 ; Search time 21.5417 seconds
(without alignments)
632.621 Million cell updates/sec

Title: US-09-662-783-4
Perfect score: 737
Sequence: 1 MYLDTPRYRGSRHYDRKSKV.....DIQLDHHERCDCICCSRPPR 132

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 392085 seqs, 103240269 residues

Total number of hits satisfying chosen parameters: 392085

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published_Applications_AA:*

1: /cgn2_6_ptodata/1/pubpaas/PCTN_NEW_PUB_pep: *
2: /cgn2_6_ptodata/1/pubpaas/PCTN_NEW_PUB_pep: *
3: /cgn2_6_ptodata/1/pubpaas/US06_NEW_PUB_pep: *
4: /cgn2_6_ptodata/1/pubpaas/US05_PUBCOMB_pep: *
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7: /cgn2_6_ptodata/1/pubpaas/PCNUS_PUBCOMB_pep: *
8: /cgn2_6_ptodata/1/pubpaas/US08_PUBCOMB_pep: *
9: /cgn2_6_ptodata/1/pubpaas/US09_PUBCOMB_pep: *
10: /cgn2_6_ptodata/1/pubpaas/US10_NEW_PUB_pep: *
11: /cgn2_6_ptodata/1/pubpaas/US10_PUBCOMB_pep: *
12: /cgn2_6_ptodata/1/pubpaas/US10_PUBCOMB_pep: *
13: /cgn2_6_ptodata/1/pubpaas/US60_NEW_PUB_pep: *
14: /cgn2_6_ptodata/1/pubpaas/US60_PUBCOMB_pep: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	737	100.0	322	9 US-10-086-623-6
2	737	100.0	322	9 US-10-260-539-6
3	737	100.0	364	9 US-10-028-072-186
4	737	100.0	364	9 US-10-121-049-186
5	737	100.0	364	9 US-10-123-904-186
6	737	100.0	364	9 US-10-140-701-186
7	737	100.0	364	9 US-10-175-746-186
8	737	100.0	364	9 US-10-176-918-186
9	737	100.0	364	9 US-10-176-921-186
10	737	100.0	364	9 US-10-137-865-186
11	737	100.0	364	9 US-10-140-474-186
12	737	100.0	364	9 US-10-142-431-186
13	737	100.0	364	9 US-10-143-114-186
14	737	100.0	364	9 US-10-140-002-186
15	737	100.0	364	9 US-10-142-19-186
16	737	100.0	364	9 US-10-123-262-186
17	737	100.0	364	9 US-10-142-423-186
18	737	100.0	364	9 US-10-121-050-186
19	100.0	364	9 US-10-141-755-186	

ALIGNMENTS

RESULT 1
US-10-086-623-6
; Sequence 6, Application US/10086623
; Patent No. US20020164710A1
; GENERAL INFORMATION:
APPLICANT: ERIKSSON, Ulf
APPLICANT: AASE, Karin
APPLICANT: LI, Xuri
APPLICANT: PONTEN, Annica
APPLICANT: UUTELA, Marko
APPLICANT: ALISTRAND, Kari
APPLICANT: OESTMAN, Aina
APPLICANT: HELDIN, Carl-Jenrik
TITLE OF INVENTION: PLATELET DERIVED GROWTH FACTOR D, DNA CODING THEREFOR AND USES
FILE REFERENCE: 1064/443C2
CURRENT APPLICATION NUMBER: US/10/0866,623
PRIORITY FILING DATE: 2000-03-04
PRIORITY APPLICATION NUMBER: US 60/107,852
PRIORITY FILING DATE: 1998-11-10
PRIORITY APPLICATION NUMBER: US 60/113,997
PRIORITY FILING DATE: 1998-12-28
PRIORITY APPLICATION NUMBER: US 60/150,604
PRIORITY FILING DATE: 1999-01-26
PRIORITY APPLICATION NUMBER: US 60/157,108
PRIORITY FILING DATE: 1999-11-04
PRIORITY APPLICATION NUMBER: US 60/157,756
PRIORITY FILING DATE: 1999-10-05
PRIORITY APPLICATION NUMBER: US 09/438,046
PRIORITY FILING DATE: 1999-11-10
PRIORITY APPLICATION NUMBER: US 09/691,200
PRIORITY FILING DATE: 2000-01-19
NUMBER OF SEQ ID NOS: 42
SOFTWARE: PatentIn version 3.1
SEQ ID NO 6
SEQUENCE LENGTH: 322
TYPE: PRT
ORGANISM: Homo sapiens

Query Match 100.0%; Score 737; DB 9; Length 322;
Best Local Similarity 100.0%; Pred. No. 6_2e-69;
Matches 132; Conservative 0; Mismatches 0;
Indices 0; Gaps 0;

US-10-028-072-186 ; Sequence 186, Application US/10028072
 ; Publication No. US2003004311A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: Desorge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerittsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Gurley, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang
 ; TITLE OF INVENTION:
 ; FILE REFERENCE:
 ; CURRENT APPLICATION NUMBER: US/10/028,072
 ; CURRENT FILING DATE: 2001-12-19
 ; PRIOR APPLICATION NUMBER: 60/049911
 ; PRIOR FILING DATE: 1997-06-18
 ; PRIOR APPLICATION NUMBER: 60/056974
 ; PRIOR FILING DATE: 1997-08-26
 ; PRIOR APPLICATION NUMBER: 60/059113
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059115
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059263
 ; PRIOR FILING DATE: 1997-09-18
 ; PRIOR APPLICATION NUMBER: 60/059352
 ; PRIOR FILING DATE: 1997-09-19
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 ; PRIOR APPLICATION NUMBER: 60/059836
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 ; PRIOR APPLICATION NUMBER: 60/063550
 ; PRIOR FILING DATE: 1997-10-28
 ; PRIOR APPLICATION NUMBER: 60/063561
 ; PRIOR FILING DATE: 1997-10-28
 ; PRIOR APPLICATION NUMBER: 60/063704
 ; PRIOR FILING DATE: 1997-10-29

RESULT 2
 US-10-260-539-6
 ; Sequence 6, Application US/10260539
 ; Publication No. US20030073637A1
 ; GENERAL INFORMATION:
 ; APPLICANT: ERIKSSON, Ulf
 ; APPLICANT: ARSE, Karin
 ; APPLICANT: LI, Xuri
 ; APPLICANT: PONTEN, Annica
 ; APPLICANT: UUTELA, Marko
 ; APPLICANT: ALITALO, Kari
 ; APPLICANT: OESTMAN, Anne
 ; APPLICANT: HELDIN, Carl-Henrik
 ; TITLE OF INVENTION: PLATELET DERIVED GROWTH FACTOR D, DNA CODING THEREFOR AND USES TH
 ; CURRENT APPLICATION NUMBER: US/10/260,539
 ; CURRENT FILING DATE: 2002-10-01
 ; PRIOR APPLICATION NUMBER: US/10/086,623
 ; PRIOR FILING DATE: 2000-03-04
 ; PRIOR APPLICATION NUMBER: US 60/107,852
 ; PRIOR FILING DATE: 1998-11-10
 ; PRIOR APPLICATION NUMBER: US 60/113,997
 ; PRIOR FILING DATE: 1998-12-28
 ; PRIOR APPLICATION NUMBER: US 60/150,604
 ; PRIOR FILING DATE: 1999-08-26
 ; PRIOR APPLICATION NUMBER: US 60/157,108
 ; PRIOR FILING DATE: 1999-10-04
 ; PRIOR APPLICATION NUMBER: US 60/157,756
 ; PRIOR FILING DATE: 1999-10-05
 ; PRIOR APPLICATION NUMBER: US 09/438,046
 ; PRIOR FILING DATE: 1999-11-10
 ; PRIOR APPLICATION NUMBER: US 09/691,200
 ; PRIOR FILING DATE: 2000-10-19
 ; NUMBER OF SEQ ID NOS: 42
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO: 6
 ; LENGTH: 322
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-260-539-6

Query Match 100.0%: Score 737; DB 9; Length 322;
 best local Similarity 100.0%; Pred. No. 6.2e-69;
 Matches 132; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MYLDPRYGRSYHDKSKVLDLDDAKRYSCTPRNVSNIREEKLANYVFPRLI 60
 Db 191 MYLDPRYGRSYHDKSKVLDLDDAKRYSCTPRNVSNIREEKLANYVFPRLI 250
 Qy 61 VORGGNCGCGTVMWRSCTCNSGKTVKKHEVLOFPGIKRRRAKTMALVDIOLDHHE 120
 Db 251 VORGGNCGCGTVMWRSCTCNSGKTVKKHEVLOFPGIKRRRAKTMALVDIOLDHHE 310
 Qy 121 RDCICSSPR 132
 Db 311 RDCICSSPR 322

RESULT 3

PRIOR APPLICATION NUMBER: 60/063733
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063735
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063738
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063755
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064248
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/064809
PRIOR FILING DATE: 1997-11-07
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065846
PRIOR FILING DATE: 1997-11-17
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
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PRIOR FILING DATE: 1997-11-24
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PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066912
PRIOR FILING DATE: 1997-12-11
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PRIOR FILING DATE: 1997-12-11
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PRIOR FILING DATE: 1997-12-11
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PRIOR FILING DATE: 1997-12-16
PRIOR APPLICATION NUMBER: 60/072320
PRIOR FILING DATE: 1998-01-23
PRIOR APPLICATION NUMBER: 60/073612
PRIOR FILING DATE: 1998-01-04
PRIOR APPLICATION NUMBER: 60/074086
PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/074092
PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-02-12
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-02-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
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PRIOR FILING DATE: 1998-04-14
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PRIOR FILING DATE: 1998-04-15
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PRIOR FILING DATE: 1998-04-28
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PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084637

PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085149
PRIOR FILING DATE: 1998-05-12
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PRIOR FILING DATE: 1998-05-13
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PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: 60/091360
PRIOR FILING DATE: 1998-07-01
PRIOR APPLICATION NUMBER: 60/091519
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091982
PRIOR FILING DATE: 1998-07-07

Query Match 100.0%; Score 737; DB 9; Length 364;
Best Local Similarity 100.0%; Pred. No. 7.2e-69; Gaps 0;
Matches 132; Conservative 0; Mismatches 0; Indels 0;

QY 1 MYLDPTRYRGRSYHYDRKSVDLDRNDAKRSCTPRNYSVNRBKLANWVPPRCIL 60
Db 233 MYLDPTRYRGRSYHYDRKSVDLDRNDAKRSCTPRNYSVNRBKLANWVPPRCIL 292
QY 61 VQRGGNGCGCTVNWSCTCNSGKTVKYHEVLOEPGHTKRRGAKTMLVLDQHIE 120
Db 293 VQRGGNGCGCTVNWSCTCNSGKTVKYHEVLOEPGHTKRRGAKTMLVLDQHIE 352
QY 121 RDCDCSSRPR 132
Db 353 RDCDCSSRPR 364

RESULT 4
US-10-121-049-186
; Sequence 186, Application US/10121049
; Publication No. US20030022239A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanae, Colin K.
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
; CURRENT APPLICATION NUMBER: US/10/121, 904
; CURRENT FILING DATE: 2002-04-16
; PRIORITY APPLICATION NUMBER: P33301C17
; CURRENT APPLICATION NUMBER: US/10/121, 049
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION removed - See File wrapper or Palm
; NUMBER OF SEQ ID NOS.: 550
; SEQ ID NO 186
; LENGTH: 364
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-121-049-186

Query Match 100.0%; Score 737; DB 9; Length 364;
Best Local Similarity 100.0%; Pred. No. 7.2e-69; Mismatches 0; Indels 0; Gaps 0;
Matches 132; Conservative 0; APPLICANT: Baker, Kevin P.
Qy 1 MYLDTPRYGRGSYHDKSKVLDRLNDKARRYSCTPNTSVNTRELKLANVVFFPRCLL 60
Db 233 MYLDTPRYGRGSYHDKSKVLDRLNDKARRYSCTPNTSVNTRELKLANVVFFPRCLL 292
Qy 61 VORCGGNCGGTVWRSCTCNSKGKVKKYHEVLOFEPGHIKRRRAKTMALVDIOLDHHE 120
Db 293 VORCGGNCGGTVWRSCTCNSKGKVKKYHEVLOFEPGHIKRRRAKTMALVDIOLDHHE 352
Qy 121 RDCDCICSSRPPR 132
Db 353 RDCDCICSSRPPR 364

RESULT 5
US-10-123-904-186
; Sequence 186, Application US/10123904
; Publication No. US20030022328A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanae, Colin K.
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
; CURRENT APPLICATION NUMBER: P33301C160
; CURRENT FILING DATE: 2002-05-06
; PRIOR APPLICATION removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS.: 550
; SEQ ID NO 186
; LENGTH: 364
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-123-904-186

Query Match 100.0%; Score 737; DB 9; Length 364;
Best Local Similarity 100.0%; Pred. No. 7.2e-69; Mismatches 0; Indels 0; Gaps 0;
Matches 132; Conservative 0; APPLICANT: Baker, Kevin P.
Qy 1 MYLDTPRYGRGSYHDKSKVLDRLNDKARRYSCTPNTSVNTRELKLANVVFFPRCLL 60
Db 233 MYLDTPRYGRGSYHDKSKVLDRLNDKARRYSCTPNTSVNTRELKLANVVFFPRCLL 292

RESULT 6
US-10-140-470-186
; Sequence 186, Application US/10140470
; Publication No. US20030022331A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanae, Colin K.
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
; CURRENT APPLICATION NUMBER: US/10/140, 470
; CURRENT FILING DATE: 2002-05-06
; PRIOR APPLICATION removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS.: 550
; SEQ ID NO 186
; LENGTH: 364
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-140-470-186

RESULT 7
US-10-175-746-186
Sequence 186, Application US/10175746
Publication No. US20030027270A1

GENERAL INFORMATION:

- APPLICANT: Baker, Kevin P.
- APPLICANT: Beresini, Maureen
- APPLICANT: Desnoyes, Luc
- APPLICANT: Filvaroff, Ellen
- APPLICANT: Gerritsen, Mary E.
- APPLICANT: Goddard, Audrey
- APPLICANT: Gurney, Austin L.
- APPLICANT: Sherwood, Steven
- APPLICANT: Stewart, Timothy A.
- APPLICANT: Tumas, Daniel
- APPLICANT: Watanae, Colin K
- APPLICANT: Wood, William
- APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C82

CURRENT APPLICATION NUMBER: US10/176,918

CURRENT FILING DATE: 2002-06-20

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 186

LENGTH: 364

TYPE: PRT

ORGANISM: Homo Sapien

US-10-176-918-186

Query Match 100.0%; Score 737; DB 9; Length 364;
Best Local Similarity 100.0%; Pred. No. 7.2e-69; Mismatches 0; Indels 0; Gaps 0;

Matches 132; Conservative 0; MisMatches 0; Insets 0; Gaps 0;

Matches 132; Conservative 0; MisMatches 0; Insets 0; Gaps 0;

Organism: Homo Sapien

Query 1 MYLDTPRYGRSYHDKSKVYDLDRLNDKARYSCPRNYSVNIREELKLANVVFPRCL 60
Db 233 MYLDTPRYGRSYHDKSKVYDLDRLNDKARYSCPRNYSVNIREELKLANVVFPRCL 292

Query 61 VORCGNGCCGCTVNRSCTCNSKGKVKKHVENVLOFEPGHIKRRGAKTMLALVDIOLDHHE 120
Db 293 VORCGNGCCGCTVNRSCTCNSKGKVKKHVENVLOFEPGHIKRRGAKTMLALVDIOLDHHE 352

CURRENT APPLICATION NUMBER: US10/175,746

PRIOR APPLICATION REMOVED - SEE FILE WRAPPER OR PALM

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 186

LENGTH: 364

TYPE: PRT

ORGANISM: Homo Sapien

US-10-175-746-186

Query Match 100.0%; Score 737; DB 9; Length 364;
Best Local Similarity 100.0%; Pred. No. 7.2e-69; Mismatches 0; Indels 0; Gaps 0;

Matches 132; Conservative 0; MisMatches 0; Insets 0; Gaps 0;

Matches 132; Conservative 0; MisMatches 0; Insets 0; Gaps 0;

Organism: Homo Sapien

Query 9
US-10-176-921-186
Sequence 186, Application US/10176921
Publication No. US20030027276A1

GENERAL INFORMATION:

- APPLICANT: Baker, Kevin P.
- APPLICANT: Beresini, Maureen
- APPLICANT: Desnoyes, Luc
- APPLICANT: Filvaroff, Ellen
- APPLICANT: Gerritsen, Mary E.
- APPLICANT: Goddard, Audrey
- APPLICANT: Gurney, Austin L.
- APPLICANT: Sherwood, Steven
- APPLICANT: Smith, Victoria
- APPLICANT: Stewart, Timothy A.
- APPLICANT: Tumas, Daniel
- APPLICANT: Watanae, Colin K
- APPLICANT: Wood, William
- APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C2B8

CURRENT APPLICATION NUMBER: US10/176,921

CURRENT FILING DATE: 2002-06-20

PRIOR APPLICATION REMOVED - SEE FILE WRAPPER OR PALM

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 186

LENGTH: 364

TYPE: PRT

RESULT 8
US-10-176-918-186
Sequence 186, Application US/10176918
Publication No. US2003002725A1

GENERAL INFORMATION:

- APPLICANT: Baker, Kevin P.
- APPLICANT: Beresini, Maureen
- APPLICANT: DeForge, Laura
- APPLICANT: Desnoyes, Luc
- APPLICANT: Filvaroff, Ellen
- APPLICANT: Gao, Wei-Qiang

; ORGANISM: Homo Sapien ; US-10-140-474-186
 Query Match 100.0%; Score 737; DB 9; Length 364;
 Best Local Similarity 100.0%; Pred. No. 7.2e-69; Indels 0; Gaps 0;
 Matches 132; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MYLDTPRYGRSRYHDKSKVLDLDRNDAKRYSTPRNYSVNREELKANVVFFPRL 60
 Db 233 MYLDTPRYGRSRYHDKSKVLDLDRNDAKRYSTPRNYSVNREELKANVVFFPRL 292
 QY 61 VQRCGGNCGGTVMWRSCTCNSGKTVKKHEVLOFEPGHIKRGRAKTMALVDIOLDH 120
 Db 293 VQRCGGNCGGTVMWRSCTCNSGKTVKKHEVLOFEPGHIKRGRAKTMALVDIOLDH 352
 QY 121 RDCDCSSRPR 132
 Db 353 RDCDCSSRPR 364

RESULT 10 ; US-10-137-865-186
 ; Sequence 186, Application US/10137865
 ; Publication No. US20030032156A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Oiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE REFERENCE: P3330R1C162
 CURRENT APPLICATION NUMBER: US/10/140,474
 CURRENT FILING DATE: 2002-05-06
 PRIOR APPLICATION REMOVED - See Palm or File Wrapper
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 186
 LENGTH: 364
 TYPE: PRT
 ORGANISM: Homo Sapien
 ; US-10-140-474-186
 Query Match 100.0%; Score 737; DB 9; Length 364;
 Best Local Similarity 100.0%; Pred. No. 7.2e-69; Indels 0; Gaps 0;
 Matches 132; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MYLDTPRYGRSRYHDKSKVLDLDRNDAKRYSTPRNYSVNREELKANVVFFPRL 60
 Db 233 MYLDTPRYGRSRYHDKSKVLDLDRNDAKRYSTPRNYSVNREELKANVVFFPRL 292
 QY 61 VQRCGGNCGGTVMWRSCTCNSGKTVKKHEVLOFEPGHIKRGRAKTMALVDIOLDH 120
 Db 293 VQRCGGNCGGTVMWRSCTCNSGKTVKKHEVLOFEPGHIKRGRAKTMALVDIOLDH 352
 QY 121 RDCDCSSRPR 132
 Db 353 RDCDCSSRPR 364

RESULT 11 ; US-10-137-865-186
 ; Sequence 186, Application US/10137865
 ; Publication No. US20030032156A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Oiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE REFERENCE: P3330R1C162
 CURRENT APPLICATION NUMBER: US/10/140,474
 CURRENT FILING DATE: 2002-05-06
 PRIOR APPLICATION REMOVED - See Palm or File Wrapper
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 186
 LENGTH: 364
 TYPE: PRT
 ORGANISM: Homo Sapien
 ; US-10-140-474-186
 Query Match 100.0%; Score 737; DB 9; Length 364;
 Best Local Similarity 100.0%; Pred. No. 7.2e-69; Indels 0; Gaps 0;
 Matches 132; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MYLDTPRYGRSRYHDKSKVLDLDRNDAKRYSTPRNYSVNREELKANVVFFPRL 60
 Db 233 MYLDTPRYGRSRYHDKSKVLDLDRNDAKRYSTPRNYSVNREELKANVVFFPRL 292
 QY 61 VQRCGGNCGGTVMWRSCTCNSGKTVKKHEVLOFEPGHIKRGRAKTMALVDIOLDH 120
 Db 293 VQRCGGNCGGTVMWRSCTCNSGKTVKKHEVLOFEPGHIKRGRAKTMALVDIOLDH 352
 QY 121 RDCDCSSRPR 132
 Db 353 RDCDCSSRPR 364

RESULT 12 ; US-10-142-431-186
 ; Sequence 186, Application US/10142431
 ; Publication No. US20030036179A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Oiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Stewart, Victoria
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Zhang, Zemin

RESULT 11 ; US-10-137-865-186
 ; Sequence 186, Application US/10137865
 ; Publication No. US20030032156A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Oiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Stewart, Victoria
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Zhang, Zemin

RESULT 11

APPLICANT: Goddard,Audrey
APPLICANT: Godowski,Paul J.
APPLICANT: Gurney,Austin L.
APPLICANT: Sherwood,Steven
APPLICANT: Smith,Victoria
APPLICANT: Stewart,Timothy A.
APPLICANT: Tumas,Daniel
APPLICANT: Watanabe,Colin K.
APPLICANT: Wood,William
APPLICANT: Zimin,Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C244
CURRENT APPLICATION NUMBER: US/10/142,419
CURRENT FILING DATE: 2003-05-10
PRIOR Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 186
LENGTH: 364
TYPE: PRT
ORGANISM: Homo Sapien
US-10-142-419-186

Query Match 100.0%; Score 737; DB 9; Length 364;
Best Local Similarity 100.0%; pred. No. 7.2e-69; Indels 0; Gaps 0;
Matches 132; Conservative 0; Mismatches 0;
QY 1 MYLDPRYRGSRSYHDKSYKTYDLDRLNDKARYSCPTPRNTSVNTRBELKLANVVFPRCL 60
Db 233 MYLDPRYRGSRSYHDKSYKTYDLDRLNDKARYSCPTPRNTSVNTRBELKLANVVFPRCL 292
QY 61 VQRCGGNCSCGTVNWRSCPTNSKGTVKKHEVLOFEPGIIKRRRAKTHVALVDIOLDHIE 120
Db 293 VQRCGGNCSCGTVNWRSCPTNSKGTVKKHEVLOFEPGIIKRRRAKTHVALVDIOLDHIE 352
QY 121 RCPCCSSRPR 132
Db 353 RDCCICCSSRPR 364

Search completed: June 11, 2003, 08:16:59
Job time : 22.5417 secs

OM protein - protein search, using sw model

Run on: June 11, 2003, 08:00:14 ; Search time 14.2083 Seconds
 (without alignments)
 256.782 Million cell updates/sec

Title: US-09-662-783-2_COPY_247_370

Perfect score: 691 Sequence: 1 RGRSYHDRSKVQLDRNLND... DIQLDHHERCDCICSSRPPR 124

Scoring table: BLOSUM62 Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database : Issued Patents AA:*

1: /cgn2_6/ptodata/1_1aa/5A_COMB.pep:*

2: /cgn2_6/ptodata/1_1aa/5B_COMB.pep:*

3: /cgn2_6/ptodata/1_1aa/6A_COMB.pep:*

4: /cgn2_6/ptodata/1_1aa/6B_COMB.pep:*

5: /cgn2_6/ptodata/1_1aa/PC1US_COMB.pep:*

6: /cgn2_6/ptodata/1_1aa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	691	100.0	370	4 US-09-457-066-37
2	691	100.0	370	4 US-09-540-224-2
3	648	93.8	370	4 US-09-540-224-4
4	648	93.8	370	4 US-09-040-220D-2
5	324	46.9	345	4 US-09-457-066-2
6	324	46.9	345	4 US-09-265-686-2
7	324	46.9	345	4 US-09-540-224-5
8	319.5	46.2	345	4 US-09-457-066-43
9	118	17.1	24	4 US-09-540-224-9
10	118	14.8	109	4 US-09-469-186-1
11	102	14.8	325	4 US-08-915-795-3
12	102	14.8	354	4 US-08-915-795-9
13	101.5	14.7	321	4 US-08-915-795-9
14	101.5	14.7	358	4 US-08-915-795-8
15	95.5	13.8	102	1 US-08-469-427A-2
16	95.5	13.8	102	2 US-08-569-063C-2
17	95.5	13.8	102	4 US-08-851-896-2
18	95.5	13.8	102	4 US-08-851-896-2
19	95.5	13.8	133	2 US-08-469-427A-9
20	95.5	13.8	133	2 US-08-569-063C-9
21	95.5	13.8	133	2 US-08-569-063C-9
22	95.5	13.8	133	4 US-08-851-896-9
23	95.5	13.8	188	1 US-08-469-427A-5
24	95.5	13.8	188	2 US-08-609-443B-5
25	95.5	13.8	188	2 US-08-569-063C-5
26	95.5	13.8	188	4 US-08-851-896-5
27	95.5	13.8	188	2 US-08-609-443B-13

ALIGNMENTS

RESULT 1

US-09-457-066-37

; Sequence 37, Application US/09457066

; General Information:

; Applicant: Gao, Zeren

; Applicant: Piddington, Christopher S.

; Applicant: Sheppard, Paul O.

; Applicant: Shoemaker, Kimberly E.

; Applicant: Gilbertson, Debra G.

; Applicant: West, James W.

; Title of Invention: GROWTH FACTOR HOMOLOG ZVEGF3

; File Reference: 98-60

; Current Application Number: US/09/457,066

; Number of Seq ID Nos: 50

; Software: FastSEQ for Windows Version 3.0

; Seq ID: NO 37

; Length: 370

; Type: PRT

; Organism: Homo sapiens

US-09-457-066-37

Query Match 100.0%; Score 691; DB 4; Length 370;

Best Local Similarity 100.0%; Pred. No. 7.4e-72; Indels 0; Gaps 0;

Matches 124; Conservative 0; Mismatches 0;

QY 1 RGRSHDRSKVQLDRNLDAKRYCTPRWSVNRREELKLANVFFPRCLIVQRGGNC 60

Db 247 RGRSHDRSKVQLDRNLDAKRYCTPRWSVNRREELKLANVFFPRCLIVQRGGNC 306

QY 61 GCGTIVWRSCITCNNSGKTVVKHYHEVHQFEPGHIKRGRAKTMALVDIQLDHERCDCICSS 120

Db 307 GCGTIVWRSCITCNNSGKTVVKHYHEVHQFEPGHIKRGRAKTMALVDIQLDHERCDCICSS 366

RESULT 2

US-09-540-224-2

; Sequence 2, Application US/09540224

; Patent No. 6468543

; General Information:

; Applicant: Gilbertson, Debra G.

; Applicant: Hart, Charles E.

; Title of Invention: METHODS FOR PROMOTING GROWTH OF BONE,

; Title of Invention: LIGAMENT AND CARTILAGE USING ZVEGF4

FILE REFERENCE: 00-28
; CURRENT APPLICATION NUMBER: US/09/540,224
; EARLIER APPLICATION NUMBER: US 60/180,169
; EARLIER FILING DATE: 2000-02-04
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 370
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-540-224-2

Query Match 100.0%; Score 691; DB 4; Length 370;
Best Local Similarity 100.0%; Pred. No. 7.4e-72; Mismatches 0; Indels 0; Gaps 0;
Matches 174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RGRSYHDRIKVDLDRNLNDAKRYSTPRNYSVNREELKLANYVFPCLLVORCGGNC 60
|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 247 RGRSYHDRIKVDLDRNLNDAKRYSTPRNYSVNREELKLANYVFPCLLVORCGGNC 306
QY 61 GCGTVNWRSCTCNSGKTVKKYHEVLOFEPCHIKRRGRAKTMALVDIQLDHHERDCICSS 120
|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 307 GCGTVNWRSCTCNSGKTVKKYHEVLOFEPCHIKRRGRAKTMALVDIQLDHHERDCICSS 366
QY 121 RPPR 124
|||
Db 367 RPPR 370

RESULT 3
US-09-540-224-4
; Sequence 4, Application US/09540224
; Patent No. 646843
; GENERAL INFORMATION:
; APPLICANT: Gilbertson, Debra G.
; TITLE OF INVENTION: METHODS FOR PROMOTING GROWTH OF BONE,
; TITLE OF INVENTION: LIGAMENT AND CARTILAGE USING ZVEGF4
; FILE REFERENCE: 00-28
; CURRENT APPLICATION NUMBER: US/09/540,224
; CURRENT FILING DATE: 2000-03-31
; EARLIER APPLICATION NUMBER: US 60/180,169
; EARLIER FILING DATE: 2000-02-04
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 370
; TYPE: PRT
; ORGANISM: Mus musculus
; US-09-540-224-4

Query Match 93.8%; Score 648; DB 4; Length 370;
Best Local Similarity 91.1%; Pred. No. 6.8e-67; Mismatches 113; Conservative 6; Mismatches 5; Indels 0; Gaps 0;
Matches 113; Conservative 6; Mismatches 5; Indels 0; Gaps 0;

QY 1 RGRSYHDRIKVDLDRNLNDAKRYSTPRNYSVNREELKLANYVFPCLLVORCGGNC 60
|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 247 RGRSYHDRIKVDLDRNLNDAKRYSTPRNYSVNREELKLANYVFPCLLVORCGGNC 306
QY 61 GCGTVNWRSCTCNSGKTVKKYHEVLOFEPCHIKRRGRAKTMALVDIQLDHHERDCICSS 120
|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 307 GCGTVNWRSCTCNSGKTVKKYHEVLOFEPCHIKRRGRAKTMALVDIQLDHHERDCICSS 366
QY 121 RPPR 124
|||
Db 367 RPPR 370

RESULT 4
US-09-040-220D-2
; Sequence 2, Application US/09040220D
; Patent No. 639111
; GENERAL INFORMATION:
; APPLICANT: Ferrara, Napoleone
; TITLE OF INVENTION: NOVEL POLYPEPTIDES HAVING HOMOLOGY TO VASCULAR
; TITLE OF INVENTION: ENDOTHELIAL CELL GROWTH FACTOR AND BONE MORPHOGENETIC
; TITLE OF INVENTION: PROTEIN 1 AND NUCLEAR ACIDS ENCODING SAME, THEIR USES,
; TITLE OF INVENTION: AND PROCESSES FOR THEIR PRODUCTION
; FILE REFERENCE: PI122
; CURRENT APPLICATION NUMBER: US/09/040,220D
; CURRENT FILING DATE: 1998-03-17
; NUMBER OF SEQ ID NOS: 8
; SEQ ID NO 2
; LENGTH: 345
; TYPE: PRT
; ORGANISM: Human
; US-09-040-220D-2

Query Match 46.9%; Score 324; DB 4; Length 345;
Best Local Similarity 53.6%; Pred. No. 1.6e-29; Mismatches 60; Conservative 15; Mismatches 33; Indels 4; Gaps 2;
Matches 60; Conservative 15; Mismatches 33; Indels 4; Gaps 2;

QY 8 RRSK-VDLRNLNDAKRYSTPRNYSVNREELKLANYVFPCLLVORCGGNGCGTVN 66
|||:|||:|||:|||:|||:|||:|||:|||:
Db 231 RRSRVVDLNLLTEERLYSCTPRNFSVSIREELKLNTAVFPCLLVORCGGNGACCHHN 290
QY 67 WRSCTCNSGKTVKKYHEVLOFEPCHIKRRGRAKTMALVDIQLDHHERDCIC 118
|||:
Db 291 CNECOCVPSPKVKKYHEVLOLRP--KTYVRGLHKSLSLVALEHHHECDCVC 339

RESULT 5
US-09-457-066-2
; Sequence 2, Application US/09457066
; Patent No. 6432673
; GENERAL INFORMATION:
; APPLICANT: Gao, Zeren
; APPLICANT: Hart, Charles E.
; APPLICANT: Piddington, Christopher S.
; APPLICANT: Shepard, Paul O.
; APPLICANT: Shoemaker, Kimberly E.
; APPLICANT: Gilbertson, Debra G.
; APPLICANT: West, James W.
; TITLE OF INVENTION: GROWTH FACTOR HOMOLOG ZVEGF3
; FILE REFERENCE: 98-60
; CURRENT APPLICATION NUMBER: US/09/457,066
; CURRENT FILING DATE: 1991-12-07
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 345
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-457-066-2

Query Match 46.9%; Score 324; DB 4; Length 345;
Best Local Similarity 53.6%; Pred. No. 1.6e-29; Mismatches 60; Conservative 15; Mismatches 33; Indels 4; Gaps 2;
Matches 60; Conservative 15; Mismatches 33; Indels 4; Gaps 2;

QY 8 RRSK-VDLRNLNDAKRYSTPRNYSVNREELKLANYVFPCLLVORCGGNGCGTVN 66
|||:|||:|||:|||:|||:|||:
Db 231 RRSRVVDLNLLTEERLYSCTPRNFSVSIREELKLNTAVFPCLLVORCGGNGACCHHN 290
QY 67 WRSCTCNSGKTVKKYHEVLOFEPCHIKRRGRAKTMALVDIQLDHHERDCIC 118
|||:
Db 291 CNECOCVPSPKVKKYHEVLOLRP--KTYVRGLHKSLSLVALEHHHECDCVC 339

RESULT 6
US-09-265-686-2
; Sequence 2, Application US/09265686
; Patent No. 6452283
; GENERAL INFORMATION:
; APPLICANT: Ferrara, Napoleone

APPLICANT: Kuo, Sophia S.
 TITLE OF INVENTION: POLYPEPTIDES HOMOLOGOUS TO VEGF AND BMP1
 FILE REFERENCE: 11122P
 CURRENT APPLICATION NUMBER: US/09/265,686
 CURRENT FILING DATE: 1999-03-10
 PRIORITY FILING DATE: 1998-03-17
 PRIORITY APPLICATION NUMBER: US 09/040,220
 PRIORITY FILING DATE: 1998-11-02
 NUMBER OF SEQ ID NOS: 8
 SEQ ID NO 2
 LENGTH: 345
 TYPE: PRT
 ORGANISM: Human
 ; US-09-265-686-2

Query Match 46.9%; Score 324; DB 4; Length 345;
 Best Local Similarity 53.6%; Pred. No. 1; Gaps 29;
 Matches 60; Conservative 15; Mismatches 33; Indels 4; Gaps 2;

QY 8 RKSKV-VDLRLNDAKRYSCPTPRVSYNIREKLANVFFPRELLVQRCGGNGCCTW 66
 Db 231 RKSRVVDLNLTEEVRLYSCTPRNSVSIREELKRTDTFWPGCLLVKRGCGNACCLIN 290

QY 67 WRSCTCNNSKTVKKYHEVQFEPGHIKRGRAKTMALVLDIQLDHHRCDC 118
 Db 291 CNECQCVPKVTKYHEVLQLRP--KTGVGLHKSLTDALEHHEECDCVC 339

RESULT 7
 US-09-540-224-5
 Sequence 5, Application US/09540224
 Patent No. 6468543
 GENERAL INFORMATION:
 APPLICANT: Gilbertson, Debra G.
 ATTORNEY: Hart, Charles E.
 TITLE OF INVENTION: METHODS FOR PROMOTING GROWTH OF BONE,
 TITLE OF INVENTION: LIGAMENT AND CARTILAGE USING ZVEGF4
 FILE REFERENCE: 00-28
 CURRENT APPLICATION NUMBER: US/09/540,224
 CURRENT FILING DATE: 2000-03-31
 EARLIER APPLICATION NUMBER: US 60/180,169
 EARLIER FILING DATE: 2000-02-04
 NUMBER OF SEQ ID NOS: 9
 SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO 5
 LENGTH: 345
 TYPE: PRT
 ORGANISM: Homo sapiens
 ; US-09-540-224-5

Query Match 46.9%; Score 324; DB 4; Length 345;
 Best Local Similarity 53.6%; Pred. No. 1; Gaps 29;
 Matches 60; Conservative 15; Mismatches 33; Indels 4; Gaps 2;

QY 8 RKSKV-VDLRLNDAKRYSCPTPRVSYNIREKLANVFFPRELLVQRCGGNGCCTW 66
 Db 231 RKSRVVDLNLTEEVRLYSCTPRNSVSIREELKRTDTFWPGCLLVKRGCGNACCLIN 290

QY 67 WRSCTCNNSKTVKKYHEVQFEPGHIKRGRAKTMALVLDIQLDHHRCDC 118
 Db 291 CNECQCVPKVTKYHEVLQLRP--KTGVGLHKSLTDALEHHEECDCVC 339

RESULT 7
 US-09-540-224-5
 Sequence 5, Application US/09540224
 Patent No. 6468543
 GENERAL INFORMATION:
 APPLICANT: Gilbertson, Debra G.
 ATTORNEY: Hart, Charles E.
 TITLE OF INVENTION: METHODS FOR PROMOTING GROWTH OF BONE,
 TITLE OF INVENTION: LIGAMENT AND CARTILAGE USING ZVEGF4
 FILE REFERENCE: 00-28
 CURRENT APPLICATION NUMBER: US/09/540,224
 CURRENT FILING DATE: 2000-03-31
 EARLIER APPLICATION NUMBER: US 60/180,169
 EARLIER FILING DATE: 2000-02-04
 NUMBER OF SEQ ID NOS: 9
 SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO 5
 LENGTH: 345
 TYPE: PRT
 ORGANISM: Homo sapiens
 ; US-09-540-224-5

Query Match 46.9%; Score 324; DB 4; Length 345;
 Best Local Similarity 53.6%; Pred. No. 1; Gaps 29;
 Matches 60; Conservative 15; Mismatches 33; Indels 4; Gaps 2;

QY 8 RKSKV-VDLRLNDAKRYSCPTPRVSYNIREKLANVFFPRELLVQRCGGNGCCTW 66
 Db 231 RKSRVVDLNLTEEVRLYSCTPRNSVSIREELKRTDTFWPGCLLVKRGCGNACCLIN 290

QY 67 WRSCTCNNSKTVKKYHEVQFEPGHIKRGRAKTMALVLDIQLDHHRCDC 118
 Db 291 CNECQCVPKVTKYHEVLQLRP--KTGVGLHKSLTDALEHHEECDCVC 339

RESULT 9
 US-09-540-224-9
 Sequence 9, Application US/09540224
 Patent No. 6468543
 GENERAL INFORMATION:
 APPLICANT: Gilbertson, Debra G.
 ATTORNEY: Hart, Charles E.
 TITLE OF INVENTION: METHODS FOR PROMOTING GROWTH OF BONE,
 TITLE OF INVENTION: LIGAMENT AND CARTILAGE USING ZVEGF4
 FILE REFERENCE: 00-28
 CURRENT APPLICATION NUMBER: US/09/540,224
 CURRENT FILING DATE: 2000-03-31
 EARLIER APPLICATION NUMBER: US 60/180,169
 EARLIER FILING DATE: 2000-02-04
 NUMBER OF SEQ ID NOS: 9
 SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO 9
 LENGTH: 24
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE: peptide
 OTHER INFORMATION: peptide
 ; US-09-540-224-9

Query Match 17.1%; Score 118; DB 4; Length 24;
 Best Local Similarity 100.0%; Pred. No. 3; Gaps 0;
 Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 87 FEPGHIKRGRAKTMALVLDIQLD 109
 Db 2 FEPGHIKRGRAKTMALVLDIQLD 24

RESULT 10
 US-09-465-186-1
 Sequence 1, Application US/09469186
 Patent No. 6383494
 GENERAL INFORMATION:
 APPLICANT: Achen, Marc G.
 ATTORNEY: STACKER, Steve A.
 TITLE OF INVENTION: ANTIBODIES TO TRUNCATED VEGF-D AND USES THEREOF
 FILE REFERENCE: ACHEN et al-164-44660
 CURRENT APPLICATION NUMBER: US/09/469,186
 CURRENT FILING DATE: 1999-12-21
 EARLIER APPLICATION NUMBER: 60/113,254

EARLIER FILING DATE: 1998-12-21
 EARLIER APPLICATION NUMBER: 60/134,556
 EARLIER FILING DATE: 1998-05-17
 NUMBER OF SEQ ID NOS: 1
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 1
 LENGTH: 109
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-469-186-1

Query Match 14.8%; Score 102; DB 4; Length 109;
 Best Local Similarity 28.7%; Pred. No. 0.00017; Mismatches 37; Indels 24; Gaps 5;
 Matches 31; Conservative 16; Mismatches 37; Indels 24; Gaps 5;
 Sequence 3, Application US/08915795
 Patient No. 6235713
 GENERAL INFORMATION:
 APPLICANT: Marc G. ACHEN
 APPLICANT: Andrew F. WILKS
 APPLICANT: Steven A. STACKER
 APPLICANT: Karl ALITALO
 TITLE OF INVENTION: GROWTH FACTOR
 NUMBER OF SEQUENCES: 11
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Everson, McKeown, Edwards & Lenahan P.L.L.C.
 STREET: 1200 G Street, NW, Suite 700
 CITY: Washington
 STATE: DC
 COUNTRY: United States of America
 ZIP: 20005
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/915,795
 FILING DATE:
 CLASSIFICATION: 536
 ATTORNEY/AGENT INFORMATION:
 NAME: EVANS, Joseph D.
 REGISTRATION NUMBER: 26 269
 REFERENCE/DOCKET NUMBER: 1064/42983
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (202) 628-8800
 TELEFAX: (202) 628-8844
 TELEX: N/A
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 354 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 HYPOTHETICAL: NO
 ORIGINAL SOURCE:
 TISSUE TYPE: Human Lung
 US-08-915-795-5

Query Match 14.8%; Score 102; DB 4; Length 354;
 Best Local Similarity 28.7%; Pred. No. 0.0007; Mismatches 37; Indels 24; Gaps 5;
 Matches 31; Conservative 16; Mismatches 37; Indels 24; Gaps 5;
 Sequence 5, Application US/08915795
 Patient No. 6235713
 GENERAL INFORMATION:
 APPLICANT: Marc G. ACHEN
 APPLICANT: Andrew F. WILKS
 APPLICANT: Steven A. STACKER
 APPLICANT: Karl ALITALO
 TITLE OF INVENTION: GROWTH FACTOR
 NUMBER OF SEQUENCES: 11
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Everson, McKeown, Edwards & Lenahan P.L.L.C.
 STREET: 1200 G Street, NW, Suite 700
 CITY: Washington
 STATE: DC
 COUNTRY: United States of America
 ZIP: 20005
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/915,795
 FILING DATE:
 CLASSIFICATION: 536
 ATTORNEY/AGENT INFORMATION:
 NAME: EVANS, Joseph D.
 REGISTRATION NUMBER: 26 269
 REFERENCE/DOCKET NUMBER: 1064/42983
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (202) 628-8800
 TELEFAX: (202) 628-8844
 TELEX: N/A
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 354 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 HYPOTHETICAL: NO
 ORIGINAL SOURCE:
 TISSUE TYPE: Human Lung
 US-08-915-795-5

Query Match 14.8%; Score 102; DB 4; Length 325;
 Best Local Similarity 28.7%; Pred. No. 0.00063;
 Sequence 2, Application US/08915795
 Patient No. 6235713
 GENERAL INFORMATION:
 APPLICANT: Marc G. ACHEN
 APPLICANT: Andrew F. WILKS
 APPLICANT: Steven A. STACKER
 APPLICANT: Karl ALITALO
 TITLE OF INVENTION: GROWTH FACTOR
 NUMBER OF SEQUENCES: 11
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Everson, McKeown, Edwards & Lenahan P.L.L.C.
 STREET: 1200 G Street, NW, Suite 700
 CITY: Washington
 STATE: DC
 COUNTRY: United States of America
 ZIP: 20005
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/915,795
 FILING DATE:
 CLASSIFICATION: 536
 ATTORNEY/AGENT INFORMATION:
 NAME: EVANS, Joseph D.
 REGISTRATION NUMBER: 26 269
 REFERENCE/DOCKET NUMBER: 1064/42983
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (202) 628-8800
 TELEFAX: (202) 628-8844
 TELEX: N/A
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 325 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 HYPOTHETICAL: NO
 ORIGINAL SOURCE:
 TISSUE TYPE: Human Breast
 US-08-915-795-3

Query Match 14.8%; Score 102; DB 4; Length 325;
 Best Local Similarity 28.7%; Pred. No. 0.00063;

RESULT 13
 US-08-915-795-9

Database :	GenCore version 5.1.6 copyright (c) 1993 - 2003 Compugen Ltd.			
Run on:	June 11, 2003, 08:02:15 ; search time 20.2361 seconds (without alignments) 632.621 Million cell updates/sec			
Scoring table:	BLOSUM62			
Perfect score:	US-09-662-783-2_COPY_247_370			
Sequence:	1 RGRSYHDKSKYDVLRLNDD.....DIQLHHHERCDCICSSRPPR 124			
Gappop:	10.0 , Gapext: 0.5			
Searched:	392085 seqs, 103240269 residues			
Total number of hits satisfying chosen parameters:	392085			
Minimum DB seq length:	0			
Maximum DB seq length:	200000000			
Post-processing:	Minimum Match 0*			
	Maximum Match 100*			
	Listing first 45 summaries			
Result No.	Score	Query Match Length	DB ID	Description
1	691	100.0	322	9 US-10-086-623-5
2	691	100.0	322	9 US-10-260-539-6
3	691	100.0	364	9 US-10-028-172-186
4	691	100.0	364	9 US-10-121-049-186
5	691	100.0	364	9 US-10-123-904-186
6	691	100.0	364	9 US-10-140-470-186
7	691	100.0	364	9 US-10-175-746-186
8	691	100.0	364	9 US-10-176-918-186
9	691	100.0	364	9 US-10-142-419-186
10	691	100.0	364	9 US-10-137-865-186
11	691	100.0	364	9 US-10-140-474-186
12	691	100.0	364	9 US-10-142-431-186
13	691	100.0	364	9 US-10-143-114-186
14	691	100.0	364	9 US-10-140-002-186
15	691	100.0	364	9 US-10-142-419-186
16	691	100.0	364	9 US-10-123-262-186
17	691	100.0	364	9 US-10-142-423-186
18	691	100.0	364	9 US-10-121-050-186
19	100.0	364	9 US-10-141-755-186	
Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.				
SUMMARIES				
RESULTS				
RESULT 1				
US-086-623-6				
; Sequence 6, Application US/10086623				
; Patent No. US2002016710A1				
; GENERAL INFORMATION:				
; APPLICANT: ERIKSSON, Ulf				
; APPLICANT: AASKE, Karin				
; APPLICANT: LI, Xuri				
; APPLICANT: PÖLEN, Annica				
; APPLICANT: UTTERLA, Marko				
; APPLICANT: ALITALO, Kari				
; APPLICANT: OESSMAN, Anne				
; APPLICANT: HELIDIN, Carl-Henrik				
; TITLE OF INVENTION: PLATELET DERIVED GROWTH FACTOR D, DNA CODING THEREFOR AND USES				
; FILE REFERENCE: 1064/483C2				
; CURRENT APPLICATION NUMBER: US/10/086,623				
; CURRENT FILING DATE: 2000-03-04				
; PRIOR APPLICATION NUMBER: US 60/107, 852				
; PRIOR FILING DATE: 1998-11-10				
; PRIOR APPLICATION NUMBER: US 60/113, 997				
; PRIOR FILING DATE: 1999-12-28				
; PRIOR APPLICATION NUMBER: US 60/150, 604				
; PRIOR FILING DATE: 1999-08-26				
; PRIOR APPLICATION NUMBER: US 60/157, 108				
; PRIOR FILING DATE: 1999-10-04				
; PRIOR APPLICATION NUMBER: US 60/157, 756				
; PRIOR FILING DATE: 1999-10-05				
; PRIOR APPLICATION NUMBER: US 09/438, 046				
; PRIOR FILING DATE: 1999-11-10				
; PRIOR APPLICATION NUMBER: US 09/691, 200				
; PRIOR FILING DATE: 2000-10-19				
; NUMBER OF SEQ ID NOS: 42				
; SOFTWARE: PatentIn version 3.1				
; SEQ ID NO: 6				
; LENGTH: 322				
; TYPE: PRT				
; ORGANISM: Homo sapiens				
; US-10-086-623-6				
Query Match 100.0%; Score 691; DB 9; Length 322;				
Best Local Similarity 100.0%; Pred. No. 4e-65; Mismatches 0; Indels 0; Gaps 0;				

US-10-038-072-186 ; Sequence 186, Application US/10028072
; Publication No. US20030004311A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeGeorge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filivacoff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William
; APPLICANT: Zhang
; TITLE OF INVENTION:
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/028,072
; CURRENT FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-25
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059836
; PRIOR FILING DATE: 1997-09-24
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062285
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062814
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/062816
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063082
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/063127
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063327
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 60/063329
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 60/063550
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063561
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063704
; PRIOR FILING DATE: 1997-10-29

RESULT 2
US-10-200-539-6
Sequence 6 Application US/10260539
Publication No. US2003007367A1
GENERAL INFORMATION:
APPLICANT: ERIKSSON, Ulf
APPLICANT: ARSE, Karin
APPLICANT: LT, Xuri
APPLICANT: PONTEN, Annica
APPLICANT: UTJELA, Marko
APPLICANT: ALITALO, Kari
APPLICANT: OESTMAN, Arne
APPLICANT: HELDIN, Carl-Henrik
TITLE OF INVENTION: PLATELET DERIVED GROWTH FACTOR D, DNA CODING THEREFOR AND USES THEREOF
FILE REFERENCE: 1064/4433C2
CURRENT APPLICATION NUMBER: US/10/260,539
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US/10/086,623
PRIOR FILING DATE: 2000-03-04
PRIOR APPLICATION NUMBER: US 60/107,852
PRIOR FILING DATE: 1998-11-10
PRIOR APPLICATION NUMBER: US 60/113,997
PRIOR FILING DATE: 1998-12-28
PRIOR APPLICATION NUMBER: US 60/150,604
PRIOR FILING DATE: 1999-08-26
PRIOR APPLICATION NUMBER: US 60/157,108
PRIOR FILING DATE: 1999-10-04
PRIOR APPLICATION NUMBER: US 60/157,756
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: US 09/438,046
PRIOR FILING DATE: 1999-11-10
PRIOR APPLICATION NUMBER: US 09/691,200
PRIOR FILING DATE: 2000-10-19
NUMBER OF SEQ ID NOS: 42
SOFTWARE: Patentin version 3.1
SEQ ID NO: 6
LENGTH: 322
TYPE: PR
ORGANISM: Homo sapiens
US-10-360-539-6

Query Match 100.0%; Score 691; DB 9; Length 322;
Best Local Similarity 100.0%; Pred. No. 4e-65; Indels 0; Gaps 0;
Matches 124; Conservative 0; Mismatches 0;

QY 1 RGRSYHDKSKVVDLNDAKRYSCTPRNYSNIREKLAWPFRCILYVORCGNC 60
Db 199 RGRSYHDKSKVVDLNDAKRYSCTPRNYSNIREKLAWPFRCILYVORCGNC 60
QY 61 GCGTVNWRSCCTCNSGKTKYHEVLFQFEGHICRKRGRAKTMALVDIQLDHERDCICS 120
Db 259 GCGTVNWRSCCTCNSGKTKYHEVLFQFEGHICRKRGRAKTMALVDIQLDHERDCICS 120
QY 121 RPPR 124
Db 319 RPPR 322

RESULT 3

PRIOR APPLICATION NUMBER: 60/063733
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063735
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063738
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063755
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064248
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/064809
PRIOR FILING DATE: 1997-11-07
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065486
PRIOR FILING DATE: 1997-11-17
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/066453
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066511
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066670
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/069212
PRIOR FILING DATE: 1997-12-11
PRIOR APPLICATION NUMBER: 60/069278
PRIOR FILING DATE: 1997-12-11
PRIOR APPLICATION NUMBER: 60/069334
PRIOR FILING DATE: 1997-12-11
PRIOR APPLICATION NUMBER: 60/069694
PRIOR FILING DATE: 1997-12-16
PRIOR APPLICATION NUMBER: 60/072320
PRIOR FILING DATE: 1998-01-23
PRIOR APPLICATION NUMBER: 60/073612
PRIOR FILING DATE: 1998-02-04
PRIOR APPLICATION NUMBER: 60/074086
PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/074092
PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081695
PRIOR FILING DATE: 1998-04-14
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081818
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082999
PRIOR FILING DATE: 1998-04-24
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084637

PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085149
PRIOR FILING DATE: 1998-05-12
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085597
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/086414
PRIOR FILING DATE: 1998-05-22
PRIOR APPLICATION NUMBER: 60/086430
PRIOR FILING DATE: 1998-05-22
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/088026
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088730
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088741
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088810
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088858
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/089532
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089599
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089907
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089947
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090349
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090429
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/091360
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/091519
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091982
PRIOR FILING DATE: 1998-07-07

Query Match 100.0% Score 691; DB 9; Length 364;
Best Local Similarity 100.0%; Pred. No. 4.6e-65;
Matches 124; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1 RGRYHDKSKVYDLRNDAKRSCTPRNYSWIREELKANVFFPRCLLYQRGGNC 60
Db	241 RGRYHDKSKVYDLRNDAKRSCTPRNYSWIREELKANVFFPRCLLYQRGGNC 300
Qy	61 GCGTYWNRSCTCNSSGKTVKYHEVLQFERGHIKRGRAKTMALVDIQLDHERDCICSS 120
Db	301 GCGTYWNRSCTCNSSGKTVKYHEVLQFERGHIKRGRAKTMALVDIQLDHERDCICSS 360
Qy	121 RPPR 124
Db	361 RPPR 364

RESULT 4
US 10-121-049-186
; Sequence 186, Application US/10121049
; Publication No. US20030022239A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanae, Colin K.
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
; FILE REFERENCE: P3310R1C160
; CURRENT APPLICATION NUMBER: US/10/123, 904
; CURRENT FILING DATE: 2002-04-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 186
; LENGTH: 364
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-123-904-186
; Query Match 100.0%; Score 691; DB 9; Length 364;
; Best Local Similarity 100.0%; Pred. No. 4 6e-65; Mismatches 0; Indels 0; Gaps 0;
; Matches 124; Conservative 0; MisMatches 0; InDelS 0; GapS 0;
; QY 1 RGRSYHDKRSKVLDRLNDDAKRYSCTPRNYSVNTREELKLANVFFPCLLVQRGGNC 60
; Db 241 RGRSYHDKRSKVLDRLNDDAKRYSCTPRNYSVNTREELKLANVFFPCLLVQRGGNC 300
; QY 61 GCGTVNWRSCCTCNSGKTVKYHEVLQFEPGHIKRRGAKTMAVLVDIQLDHHERCDCICSS 120
; Db 301 GCGTVNWRSCCTCNSGKTVKYHEVLQFEPGHIKRRGAKTMAVLVDIQLDHHERCDCICSS 360
; QY 121 RPPR 124
; Db 361 RPPR 364
; US-10-121-049-186
; Query Match 100.0%; Score 691; DB 9; Length 364;
; Best Local Similarity 100.0%; Pred. No. 4 6e-65; Mismatches 0; Indels 0; Gaps 0;
; Matches 124; Conservative 0; MisMatches 0; InDelS 0; GapS 0;
; QY 1 RGRSYHDKRSKVLDRLNDDAKRYSCTPRNYSVNTREELKLANVFFPCLLVQRGGNC 60
; Db 241 RGRSYHDKRSKVLDRLNDDAKRYSCTPRNYSVNTREELKLANVFFPCLLVQRGGNC 300
; QY 61 GCGTVNWRSCCTCNSGKTVKYHEVLQFEPGHIKRRGAKTMAVLVDIQLDHHERCDCICSS 120
; Db 301 GCGTVNWRSCCTCNSGKTVKYHEVLQFEPGHIKRRGAKTMAVLVDIQLDHHERCDCICSS 360
; QY 121 RPPR 124
; Db 361 RPPR 364
; RESULT 5
US 10-123-904-186
; Sequence 186, Application US/10123904
; Publication No. US20030022328A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanae, Colin K.
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
; FILE REFERENCE: P3310R1C160
; CURRENT APPLICATION NUMBER: US/10/123, 904
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 186
; LENGTH: 364
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-140-470-186
; Query Match 100.0%; Score 691; DB 9; Length 364;
; Best Local Similarity 100.0%; Pred. No. 4 6e-65; Mismatches 0; Indels 0; Gaps 0;
; Matches 124; Conservative 0; MisMatches 0; InDelS 0; GapS 0;
; QY 1 RGRSYHDKRSKVLDRLNDDAKRYSCTPRNYSVNTREELKLANVFFPCLLVQRGGNC 60
; Db 241 RGRSYHDKRSKVLDRLNDDAKRYSCTPRNYSVNTREELKLANVFFPCLLVQRGGNC 300

RESULT 7
 US-10-175-746-186
 Sequence 186, Application US/10175746
 Publication No. US20030027270A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watnabe, Colin K
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Wood, William
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria A.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watnabe, Colin K
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 FILE REFERENCE: P3330R1C382
 CURRENT APPLICATION NUMBER: US/10/176,918
 CURRENT FILING DATE: 2003-06-20
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 186
 LENGTH: 364
 TYPE: PRT
 ORGANISM: Homo Sapien
 ;
 US-10-175-746-186
 ;
 ; ORGANISM: Homo Sapien
 Query Match 100.0%; Score 691; DB 9; Length 364;
 Best Local Similarity 100.0%; Pred. No. 4.6e-65;
 Matches 124; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 ;
 ;
 QY 1 RGRSYHDRAKSKVLDLRLNDAAKRYCTPRNYSVNIREELKLANYFFPRCLLVQRGGNC 60
 Db 241 RGRSYHDRAKSKVLDLRLNDAAKRYCTPRNYSVNIREELKLANYFFPRCLLVQRGGNC 300
 QY 61 GCGTVWWRSCTCNSGKTVKKYHEVLFEPGHIKRGRAKTMALVDIOLDHERCDCICS 120
 Db 301 GCGTVWWRSCTCNSGKTVKKYHEVLFEPGHIKRGRAKTMALVDIOLDHERCDCICS 360
 QY 121 RPPR 124
 Db 361 RPPR 364
 ;
 ;
 RESULT 9
 US-10-176-921-186
 ; Sequence 186, Application US/10176921
 ; Publication No. US20030027276A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria A.
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watnabe, Colin K
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 FILE REFERENCE: P3330R1C288
 CURRENT APPLICATION NUMBER: US/10/176,921
 CURRENT FILING DATE: 2003-06-20
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 186
 LENGTH: 364
 TYPE: PRT

RESULT 8
 US-10-176-918-186
 Sequence 186, Application US/10176918
 Publication No. US2003002725A1
 ;
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang

-09-662-783-2_copy_247_370.rapb

US-10-140-474-186
; Sequence 186, Application US/10140474
; Publication No. US2003036179A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Destroyer, Luc
; APPLICANT: Filavoroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Wattnabe, Colin K.
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C162
; CURRENT APPLICATION NUMBER: US/10/140,474
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 186
; LENGTH: 364
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-140-474-186
; Query Match 100.0%; Score 691; DB 9; Length 364;
; Best Local Similarity 100.0%; Pred. No. 4.6e-65;
; Matches 124; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Destroyer, Luc
; APPLICANT: Filavoroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Wattnabe, Colin K.
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C154
; CURRENT APPLICATION NUMBER: US/10/137,865
; CURRENT FILING DATE: 2002-05-03
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 186
; LENGTH: 364
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-137-865-186
; Query Match 100.0%; Score 691; DB 9; Length 364;
; Best Local Similarity 100.0%; Pred. No. 4.6e-65;
; Matches 124; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Destroyer, Luc
; APPLICANT: Filavoroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Wattnabe, Colin K.
; APPLICANT: Zhang, Zemin

APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tunas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
ACIDS ENCODING THE SAME
FILE REFERENCE: P330R1C244
CURRENT APPLICATION NUMBER: US/10/142,419
CURRENT FILING DATE: 2002-05-10
PRIORITY APPLICATION removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 186
LENGTH: 364
TYPE: PRT
ORGANISM: Homo Sapien
US-10-142-419-186

Query Match 100.0%; Score 691; DB 9; Length 364;
Best Local Similarity 100.0%; Pct. Id 4.6e-65;
Matches 124; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY |||||||RGRSYHDKRSKVDDRLNDDAKRYSCTPRNYSVNIREEKLANYFPPCLLYVORCGGNC 60
Db 241 RGRSYHDKRSKVDDRLNDDAKRYSCTPRNYSVNIREEKLANYFPPCLLYVORCGGNC 300
QY 61 GCGTVNWRSCTCNSGKTVKYHEVLQFEPGHIKRRGAKMIALVDIQLDHHERCDCICSS 120
Db 301 GCGTVNWRSCTCNSGKTVKYHEVLQFEPGHIKRRGAKMIALVDIQLDHHERCDCICSS 360
QY 121 RPR 124
Db 361 RPR 364

Search completed: June 11, 2003, 08:16:58
Job time : 21.2361 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: June 11, 2003, 08:00:14 ; Search time 3.66667 Seconds

(without alignments)
256.782 Million cell updates/sec

Title: US-09-662-783-2_COPY_339_370

Perfect score: 177

Sequence: 1 KRRGAKTMLALVIDQLDHHERCDCCSSRPR 32

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database :

Issued Patents AA: *

1: /cgn2_6/podata/1/1aa/5A.COMB.pep:*

2: /cgn2_6/podata/1/1aa/5B.COMB.pep:*

3: /cgn2_6/podata/1/1aa/6A.COMB.pep:*

4: /cgn2_6/podata/1/1aa/6B.COMB.pep:*

5: /cgn2_6/podata/1/1aa/PCITUS.COMB.pep:*

6: /cgn2_6/podata/1/1aa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	177	100.0	370	4 US-09-457-066-37
2	177	100.0	370	4 US-09-540-224-2
3	169	95.5	370	4 US-09-540-224-4
4	82	46.3	24	4 US-09-540-224-9
5	77	43.5	345	4 US-09-457-066-2
6	77	43.5	345	4 US-09-265-686-2
7	77	43.5	345	4 US-09-540-224-5
8	76	42.9	345	4 US-09-457-066-43
9	52	29.4	439	4 US-09-026-001A-8
10	52	29.4	521	4 US-09-026-001A-12
11	52	29.4	592	4 US-09-026-001A-14
12	49	27.7	462	4 US-09-026-001A-16
13	48	27.1	368	4 US-08-630-915A-20
14	48	27.1	368	4 US-08-411-706-2
15	47.5	26.8	290	1 US-08-411-706-2
16	47.5	26.8	295	1 US-08-411-706-4
17	45	23.4	2639	4 US-09-080-983-3
18	44.5	25.1	451	3 US-08-996-139-4
19	44.5	25.1	451	4 US-08-995-659-4
20	44.5	25.1	451	4 US-09-215-649A-4
21	44.5	25.1	451	4 US-09-577-780-4
22	44.5	25.1	591	3 US-08-996-139-2
23	44.5	25.1	591	4 US-08-995-659-2
24	44.5	25.1	591	4 US-09-215-649A-2
25	44.5	25.1	591	4 US-08-997-780-2
26	44.5	25.1	616	3 US-08-996-139-6
27	44.5	25.1	616	4 US-08-995-659-6

Result No. Score Query Match Length DB ID Description

Sequence 37, Appli

Sequence 2, Appli

Sequence 4, Appli

Sequence 9, Appli

Sequence 2, Appli

Sequence 2, Appli

Sequence 5, Appli

Sequence 43, Appli

Sequence 8, Appli

Sequence 12, Appli

Sequence 14, Appli

Sequence 16, Appli

Sequence 20, Appli

Sequence 2, Appli

Sequence 4, Appli

Sequence 3, Appli

Sequence 4, Appli

Sequence 4, Appli

Sequence 4, Appli

Sequence 2, Appli

Sequence 6, Appli

Sequence 6, Appli

Sequence 3, Appli

Sequence 5, Appli

Sequence 2, Appli

Sequence 2, Appli

RESULT 1

US-09-457-066-37

; Sequence 37, Application US/09457066

; GENERAL INFORMATION:

; APPLICANT: Gao, Zeren

; APPLICANT: Hart, Christopher S.

; APPLICANT: Sheppard, Paul O.

; APPLICANT: Shoemaker, Kimberly E.

; APPLICANT: Gilbertson, Debra G.

; APPLICANT: West, James W.

; TITLE OF INVENTION: GROWTH FACTOR HOMOLOG ZVEGF3

; FILE REFERENCE: 98-60

; CURRENT APPLICATION NUMBER: US/09/457,066

; NUMBER OF SEQ ID NOS: 50

; SOFTWARE: FastSEQ for Windows Version 3.0

; SEQ ID NO: 37

; LENGTH: 370

; TYPE: PRT

; ORGANISM: Homo sapiens

; US-09-457-066-37

Query Match

Best Local Similarity

100.0%; Pred. No. 6.4e-19;

Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 KRRGAKTMLALVIDQLDHHERCDCCSSRPR 32

Db 339 KRRGAKTMLALVIDQLDHHERCDCCSSRPR 370

RESULT 2

US-09-540-224-2

; Sequence 2, Application US/09540224

; GENERAL INFORMATION:

; APPLICANT: Gilbertson, Debra G.

; APPLICANT: Hart, Charles E.

; APPLICANT: Shoemaker, Kimberly E.

; APPLICANT: Gilbertson, Debra G.

; TITLE OF INVENTION: METHODS FOR PROMOTING GROWTH OF BONE,

; TITLE OF INVENTION: LIGAMENT AND CARTILAGE USING ZVEGF4

; FILE REFERENCE: 00-28

; CURRENT APPLICATION NUMBER: US/09/510,224

; CURRENT FILING DATE: 2000-03-31

; EARLIER FILING DATE: 2000-02-04

; NUMBER OF SEQ ID NOS: 9

; SOFTWARE: FastSEQ for Windows Version 3.0

ALIGNMENTS

Sequence 6, Appli

LENGTH: 370
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-540-224-2

Query Match 100.0%; Score 177; DB 4; Length 370;
; Best Local Similarity 100.0%; Pred. No. 6.4e-19; Mismatches 0; Indels 0; Gaps 0;
; Matches 32; Conservative 0; Qy 1 KRRGRAKTMAVLVDIQLDHHERDCDCSSPRR 32
; Db 339 KRRGRAKTMAVLVDIQLDHHERDCDCCSSPRR 370

RESULT 3 US-09-540-224-4
; Sequence 4 Application US/09540224
; Patent No. 646853
; GENERAL INFORMATION:
; APPLICANT: Gilbertson, Debra G.
; APPLICANT: Hart, Charles E.
; TITLE OF INVENTION: METHODS FOR PROMOTING GROWTH OF BONE,
; FILE REFERENCE: 00-28
; CURRENT APPLICATION NUMBER: US/09/540.224
; CURRENT FILING DATE: 2000-03-31
; EARLIER APPLICATION NUMBER: US 60/180,169
; EARLIER FILING DATE: 2000-02-04
; SOFTWARE: FASTSEQ for Windows Version 3.0
; SEQ ID NO 4 LENGTH: 370
; TYPE: PRT
; ORGANISM: Mus musculus
; US-09-540-224-4

Query Match 95.5%; Score 169; DB 4; Length 370;
; Best Local Similarity 93.8%; Pred. No. 1e-17; Matches 30; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
; Qy 1 KRRGRAKTMAVLVDIQLDHHERDCDCSSPRR 32
; Db 339 KRRGRAKTMAVLVDIQLDHHERDCDCSSPRR 370

RESULT 4 US-09-540-224-9
; Sequence 9 Application US/09540224
; Patent No. 646853
; GENERAL INFORMATION:
; APPLICANT: Gilbertson, Debra G.
; APPLICANT: Hart, Charles E.
; TITLE OF INVENTION: METHODS FOR PROMOTING GROWTH OF BONE,
; FILE REFERENCE: 00-28
; CURRENT APPLICATION NUMBER: US/09/540.224
; CURRENT FILING DATE: 2000-03-31
; EARLIER APPLICATION NUMBER: US 60/180,169
; EARLIER FILING DATE: 2000-02-04
; NUMBER OF SEQ ID NOS: 9
; SEQ ID NO 9 LENGTH: 24
; TYPE: PRT
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: peptide
; US-09-540-224-9

Query Match 46.3%; Score 82; DB 4; Length 24;
; Best Local Similarity 100.0%; Pred. No. 6.4e-06; Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
; OTHER INFORMATION: peptide
; US-09-540-224-9

RESULT 5 US-09-040-220D-2
; Sequence 2 Application US/09040220D
; Patent No. 6391311
; GENERAL INFORMATION:
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Kuo, Sophia S.
; TITLE OF INVENTION: NOVEL POLYPEPTIDES HAVING HOMOLOGY TO VASCULAR
; TITLE OF INVENTION: ENDOTHELIAL CELL GROWTH FACTOR AND BONE MORPHOGENETIC
; TITLE OF INVENTION: PROTEIN I AND NUCLEIC ACIDS ENCODING SAME, THEIR USES,
; FILE REFERENCE: PI122
; CURRENT APPLICATION NUMBER: US/09/040.220D
; CURRENT FILING DATE: 1998-03-17
; NUMBER OF SEQ ID NOS: 8
; SEQ ID NO 2 LENGTH: 345
; TYPE: PRT
; ORGANISM: Human
; US-09-040-220D-2

Query Match 43.5%; Score 77; DB 4; Length 345;
; Best Local Similarity 54.2%; Pred. No. 0.00064; Matches 13; Conservative 4; Mismatches 5; Indels 2; Gaps 1;
; Qy 3 RGRAKTMAVLVDIQLDHHERDCIC 26
; Db 318 RGLHK--SLTDVALEHHECDCVC 339

RESULT 6 US-09-457-066-2
; Sequence 2 Application US/09457066
; Patent No. 6432673
; GENERAL INFORMATION:
; APPLICANT: Gao, Zeren
; APPLICANT: Hart, Charles E.
; APPLICANT: Piddington, Christopher S.
; APPLICANT: Shepard, Paul O.
; APPLICANT: Shoemaker, Kimberly E.
; APPLICANT: Gilbertson, Debra G.
; APPLICANT: West, James W.
; TITLE OF INVENTION: GROWTH FACTOR HOMOLOG ZVEGF3
; FILE REFERENCE: 98-60
; CURRENT APPLICATION NUMBER: US/09/457,066
; CURRENT FILING DATE: 1999-12-07
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FASTSEQ for Windows Version 3.0
; SEQ ID NO 2 LENGTH: 345
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-457-066-2

Query Match 43.5%; Score 77; DB 4; Length 345;
; Best Local Similarity 54.2%; Pred. No. 0.00064; Matches 13; Conservative 4; Mismatches 5; Indels 2; Gaps 1;
; Qy 3 RGRAKTMAVLVDIQLDHHERDCIC 26
; Db 318 RGLHK--SLTDVALEHHECDCVC 339

RESULT 7 US-09-265-686-2
; Sequence 2 Application US/09265686
; Patent No. 6452283
; GENERAL INFORMATION:

APPLICANT: Ferrara, Napoleon
 APPLICANT: Kuo, Sophia S.
 TITLE OF INVENTION: POLYPEPTIDES HOMOLOGOUS TO VEGF AND BMP1
 FILE REFERENCE: P122P2
 CURRENT APPLICATION NUMBER: US/09/265,686
 CURRENT FILING DATE: 1999-03-10
 PRIOR APPLICATION NUMBER: US 09/040,220
 PRIOR FILING DATE: 1998-03-17
 PRIOR APPLICATION NUMBER: US 09/184,216
 PRIOR FILING DATE: 1998-11-02
 NUMBER OF SEQ ID NOS: 8
 SEQ ID NO: 2
 LENGTH: 345
 TYPE: PRT
 ORGANISM: Human
 US-09-265-686-2

Query Match 43.5%; Score 77; DB 4; Length 345;
 Best Local Similarity 54.2%; Pred. No. 0.00064; 220
 Matches 13; Conservative 4; Mismatches 5; Indels 2; Gaps 1;

GENERAL INFORMATION:
 APPLICANT: Gilbertson, Debra G.
 APPLICANT: Hart, Charles E.
 TITLE OF INVENTION: METHODS FOR PROMOTING GROWTH OF BONE,
 TITLE OF INVENTION: LIGAMENT AND CARTILAGE USING ZVEGF4
 FILE REFERENCE: 00-28
 CURRENT APPLICATION NUMBER: US/09/540,224
 CURRENT FILING DATE: 2000-03-31
 EARLIER APPLICATION NUMBER: US 60/180,169
 EARLIER FILING DATE: 2000-02-04
 NUMBER OF SEQ ID NOS: 9
 SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO: 5
 LENGTH: 345
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-540-224-5

RESULT 8
 US-09-540-224-5
 ; Sequence 5, Application US/09540224
 ; Patent No. 6468543

GENERAL INFORMATION:
 APPLICANT: Hart, Charles E.
 TITLE OF INVENTION: METHODS FOR PROMOTING GROWTH OF BONE,
 TITLE OF INVENTION: LIGAMENT AND CARTILAGE USING ZVEGF4
 FILE REFERENCE: 00-28
 CURRENT APPLICATION NUMBER: US/09/540,224
 CURRENT FILING DATE: 2000-03-31
 EARLIER APPLICATION NUMBER: US 60/180,169
 EARLIER FILING DATE: 2000-02-04
 NUMBER OF SEQ ID NOS: 9
 SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO: 5
 LENGTH: 345
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-540-224-5

Query Match 43.5%; Score 77; DB 4; Length 345;
 Best Local Similarity 54.2%; Pred. No. 0.00064; 220
 Matches 13; Conservative 4; Mismatches 5; Indels 2; Gaps 1;

GENERAL INFORMATION:
 APPLICANT: Hart, Charles E.
 APPLICANT: Piddington, Christopher S.
 APPLICANT: Sheppard, Paul O.
 APPLICANT: Shoemaker, Kimberly E.
 APPLICANT: Gilbertson, Debra G.
 APPLICANT: West, James W.

TITLE OF INVENTION: GROWTH FACTOR HOMOLOG ZVEGF3
 FILE REFERENCE: 98-60
 CURRENT APPLICATION NUMBER: US/09/457,066
 CURRENT FILING DATE: 1999-12-07

RESULT 9
 US-09-457-066-43
 ; Sequence 43, Application US/09457066

GENERAL INFORMATION:
 APPLICANT: Gao, Zeren
 APPLICANT: Hart, Charles E.
 APPLICANT: Piddington, Christopher S.
 APPLICANT: Sheppard, Paul O.
 APPLICANT: Shoemaker, Kimberly E.
 APPLICANT: Gilbertson, Debra G.
 APPLICANT: West, James W.

TITLE OF INVENTION: GROWTH FACTOR HOMOLOG ZVEGF3
 FILE REFERENCE: 98-60
 CURRENT APPLICATION NUMBER: US/09/457,066
 CURRENT FILING DATE: 1999-12-07

NUMBER OF SEQ ID NOS: 50
 SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO: 43
 LENGTH: 345
 TYPE: PRT
 ORGANISM: MUS musculus
 US-09-457-066-43

Query Match 42.9%; Score 76; DB 4; Length 345;
 Best Local Similarity 58.8%; Pred. No. 0.00091; 3
 Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

GENERAL INFORMATION:
 APPLICANT: Boedhoo, Ameechand
 APPLICANT: Seehra, Jasbir
 APPLICANT: Shaw, Gray
 APPLICANT: Saks, Dianne
 ADDRESSEE: Genetics Institute, Inc.
 STREET: 87 Cambridgepark Drive
 CITY: Cambridge
 STATE: Massachusetts
 COUNTRY: USA
 ZIP: 02140
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patientin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/026,001A
 FILING DATE: 18-FEB-1998
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Brown, Scott A.
 NAME: Brown, Scott A.
 REGISTRATION NUMBER: 32,774
 REFERENCE/DOCKET NUMBER: GI5293B
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 498-8224
 TELEFAX: (617) 876-5951
 INFORMATION FOR SEQ ID NO: 8:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 439 amino acids
 TYPE: amino acid
 STRANDEDNESS:
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-09-026-001A-8

Query Match 29.4%; Score 52; DB 4; Length 439;
 Best Local Similarity 61.5%; Pred. No. 4.8; 4
 Matches 8; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

GENERAL INFORMATION:
 APPLICANT: Gao, Zeren
 APPLICANT: Hart, Charles E.
 APPLICANT: Piddington, Christopher S.
 APPLICANT: Sheppard, Paul O.
 APPLICANT: Shoemaker, Kimberly E.
 APPLICANT: Gilbertson, Debra G.
 APPLICANT: West, James W.

TITLE OF INVENTION: GROWTH FACTOR HOMOLOG ZVEGF3
 FILE REFERENCE: 98-60
 CURRENT APPLICATION NUMBER: US/09/457,066
 CURRENT FILING DATE: 1999-12-07

RESULT 11
 US-09-026-001A-12
 ; Sequence 12, Application US/09026001A

PATENT NO.: 6413750
 GENERAL INFORMATION:
 APPLICANT: Bodhoo, Anechand
 ADDRESS: 87 Cambridgepark Drive
 CITY: Cambridge
 STATE: Massachusetts
 COUNTRY: USA
 ZIP: 02140

COMPUTER READABLE FORM:
 MEDIUM TYPE: FLOPPY disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, version #1.25

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US-09/026,001A
 FILING DATE: 18 FEB-1998
 CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
 NAME: Brown, Scott A.
 REFERENCE DOCKET NUMBER: G15293B
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 498-8224
 TELEFAX: (617) 876-5851

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:
 LENGTH: 592 amino acids
 TYPE: amino acid
 STRANDEDNESS: linear

MOLECULE TYPE: protein

US-09-026-001A-14

Query Match 29.4%; Score 52; DB 4; Length 521;
 Best Local Similarity 61.5%; Pred. No. 5.8; Matches 8; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

Matches 8; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

MOLECULE TYPE: protein

RESULT 13

US-09-026-001A-16

Sequence 16 Application US-09026001A
 Patent No. 6413760

GENERAL INFORMATION:
 APPLICANT: Bodhoo, Anechand
 APPLICANT: Seehra, Jasbir
 APPLICANT: Shaw, Gray
 APPLICANT: Sako, Dianne

TITLE OF INVENTION: HIGHLY PURIFIED MOCARHAGIN, A COBRA VENOM
 NUMBER OF SEQUENCES: 22
 TITLE OF INVENTION: HIGHLY PURIFIED MOCARHAGIN, A COBRA VENOM
 NUMBER OF SEQUENCES: 22

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Genetics Institute, Inc.
 STREET: 87 Cambridgepark Drive
 CITY: Cambridge
 STATE: Massachusetts
 COUNTRY: USA
 ZIP: 02140

COMPUTER READABLE FORM:
 MEDIUM TYPE: FLOPPY disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, version #1.25

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US-09/026,001A
 FILING DATE: 18 FEB-1998
 CLASSIFICATION: 435

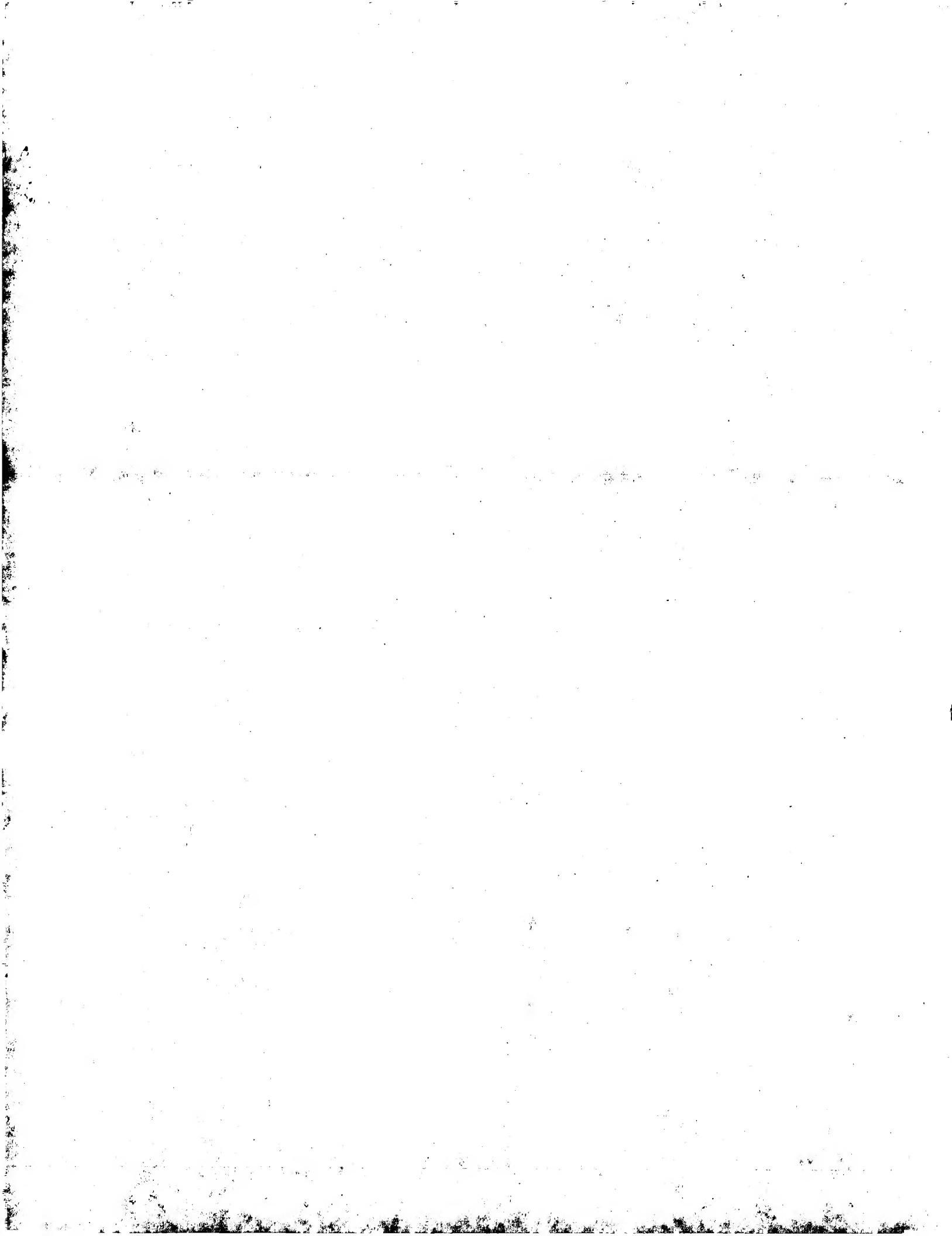
ATTORNEY/AGENT INFORMATION:
 NAME: Brown, Scott A.
 REFERENCE DOCKET NUMBER: G15293B
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 498-8224
 TELEFAX: (617) 876-5851

INFORMATION FOR SEQ ID NO: 16:

SEQUENCE CHARACTERISTICS:
 LENGTH: 462 amino acids
 TYPE: amino acid
 STRANDEDNESS: linear

MOLECULE TYPE: protein

US-09-026-001A-16



OM protein - protein search, using sw model
Run on: June 11, 2003, 08:02:15 ; Search time 5.22222 Seconds
{without alignments} 632.621 Million cell updates/sec

Title: US-09-662-783-2_COPY_339_370
Perfect score: 177 100.0 ; Sequence 177; DB 9; Length 66;
Sequence: 1 KRRGAKTMALVDIQLDHHERCDCICSSRPPR 32

Scoring table: BLOSUM52
Gappop 10.0 , Gapext 0.5

Searched: 392085 seqs, 103240269 residues

Total number of hits satisfying chosen parameters: 392085

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Listing first 45 summaries

Database :

Published Applications_AA:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

ALIGNMENTS

RESULT 1
US-09-662-783-2 ; Sequence 2, Application US/10086623 ;
; Sequence 2, Application US/10086623 ;
; PATENT NO. US20030164710A1 ;
; GENERAL INFORMATION:
; APPLICANT: ERIKSSON, Ulf
; APPLICANT: AASKE, Karin
; APPLICANT: LI, Xuri
; APPLICANT: PONTEN, Annica
; APPLICANT: UTTERIA, Marko
; APPLICANT: ALITAO, Kari
; APPLICANT: OESTMAN, Arne
; APPLICANT: HELDIN, Carl-Henrik
; TITLE OF INVENTION: PLATELET DERIVED GROWTH FACTOR D, DNA CODING THEREFOR AND USES
; FILE REFERENCE: 10644483JC2
; CURRENT APPLICATION NUMBER: US10/0866,623
; CURRENT FILING DATE: 2000-03-04
; PRIOR APPLICATION NUMBER: US 60/107,852
; PRIOR FILING DATE: 1998-11-10
; PRIOR APPLICATION NUMBER: US 60/113,997
; PRIOR FILING DATE: 1998-12-28
; PRIOR APPLICATION NUMBER: US 60/150,604
; PRIOR FILING DATE: 1999-01-26
; PRIOR APPLICATION NUMBER: US 60/157,108
; PRIOR FILING DATE: 1999-11-04
; PRIOR APPLICATION NUMBER: US 60/157,756
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: US 09/438,046
; PRIOR FILING DATE: 1999-11-10
; PRIOR APPLICATION NUMBER: US 09/691,200
; PRIOR FILING DATE: 2000-11-19
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 66
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-086-623-2

Query Match 100.0%; Score 177; DB 9; Length 66;
Best-Local Similarity 100.0%; Pred. No. 1; Jee-17;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KRRGAKTMLVLDIOLDHHERCDCICSSRPR 32
 US-10-260-539-2
 ; Sequence 2, Application US/10260539
 ; Publication No. US20030073637A1
 ; GENERAL INFORMATION:
 ; APPLICANT: ERIKSSON, Ulf
 ; APPLICANT: AASE, Karin
 ; APPLICANT: LI, Xuri
 ; APPLICANT: POMEN, Annica
 ; APPLICANT: UUTELA, Marko
 ; APPLICANT: ALITALO, Kari
 ; APPLICANT: OESTMAN, Arne
 ; APPLICANT: HELDIN, Carl-Henrik
 ; APPLICANT: HELDIN, Carl-Henrik
 ; TITLE OF INVENTION: PLATELET DERIVED GROWTH FACTOR D, DNA CODING THEREFOR AND USES TH
 ; FILE REFERENCE: 1064/44833C2
 ; CURRENT APPLICATION NUMBER: US/10/260,539
 ; CURRENT FILING DATE: 2002-10-01
 ; PRIOR APPLICATION NUMBER: US/10/086,623
 ; PRIOR FILING DATE: 2000-03-04
 ; PRIOR APPLICATION NUMBER: US 60/107,852
 ; PRIOR FILING DATE: 1998-11-10
 ; PRIOR APPLICATION NUMBER: US 60/113,997
 ; PRIOR FILING DATE: 1998-12-28
 ; PRIOR APPLICATION NUMBER: US 60/150,604
 ; PRIOR FILING DATE: 1999-08-26
 ; PRIOR APPLICATION NUMBER: US 60/157,108
 ; PRIOR FILING DATE: 1999-10-04
 ; PRIOR APPLICATION NUMBER: US 60/157,756
 ; PRIOR FILING DATE: 1999-10-05
 ; PRIOR APPLICATION NUMBER: US 09/438,046
 ; PRIOR FILING DATE: 1999-11-10
 ; PRIOR APPLICATION NUMBER: US 09/691,200
 ; PRIOR FILING DATE: 2000-10-19
 ; NUMBER OF SEQ ID NOS: 42
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 2
 ; LENGTH: 66
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-260-539-2

Query Match 100.0%; Score 177; DB 9; Length 200;
 Best Local Similarity 100.0%; Pred. No. 4e-17; 0; Indels 0; Gaps 0;
 Matches 32; Conservative 0; Mismatches 0;

QY 1 KRRGAKTMLVLDIOLDHHERCDCICSSRPR 32
 US-10-260-539-4
 ; Sequence 4, Application US/10260539
 ; Publication No. US20030073637A1
 ; GENERAL INFORMATION:
 ; APPLICANT: ERIKSSON, Ulf
 ; APPLICANT: AASE, Karin
 ; APPLICANT: LI, Xuri
 ; APPLICANT: POMEN, Annica
 ; APPLICANT: UUTELA, Marko
 ; APPLICANT: ALITALO, Kari
 ; APPLICANT: OESTMAN, Arne
 ; APPLICANT: HELDIN, Carl-Henrik
 ; TITLE OF INVENTION: PLATELET DERIVED GROWTH FACTOR D, DNA CODING THEREFOR AND USES TH
 ; FILE REFERENCE: 1064/44833C2
 ; CURRENT APPLICATION NUMBER: US/10/260,539
 ; CURRENT FILING DATE: 2002-10-01
 ; PRIOR APPLICATION NUMBER: US/10/086,623
 ; PRIOR FILING DATE: 2000-03-04
 ; PRIOR APPLICATION NUMBER: US 60/107,852
 ; PRIOR FILING DATE: 1998-11-10
 ; PRIOR APPLICATION NUMBER: US 60/113,997
 ; PRIOR FILING DATE: 1998-12-28
 ; PRIOR APPLICATION NUMBER: US 60/150,604
 ; PRIOR FILING DATE: 1999-08-26
 ; PRIOR APPLICATION NUMBER: US 60/157,108
 ; PRIOR FILING DATE: 1999-10-04
 ; PRIOR APPLICATION NUMBER: US 60/157,756
 ; PRIOR FILING DATE: 1999-10-05
 ; PRIOR APPLICATION NUMBER: US 09/438,046
 ; PRIOR FILING DATE: 1999-11-10
 ; PRIOR APPLICATION NUMBER: US 09/691,200
 ; PRIOR FILING DATE: 2000-10-19
 ; NUMBER OF SEQ ID NOS: 42
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 4
 ; LENGTH: 200
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-260-539-4

Query Match 100.0%; Score 177; DB 9; Length 200;
 Best Local Similarity 100.0%; Pred. No. 4e-17; 0; Indels 0; Gaps 0;
 Matches 32; Conservative 0; Mismatches 0;

QY 1 KRRGAKTMLVLDIOLDHHERCDCICSSRPR 32
 Db 169 KRRGAKTMLVLDIOLDHHERCDCICSSRPR 200
 ; Sequence 5, Application US/10260539
 ; Publication No. US20030073637A1
 ; GENERAL INFORMATION:
 ; APPLICANT: ERIKSSON, Ulf
 ; APPLICANT: AASE, Karin
 ; APPLICANT: LI, Xuri
 ; APPLICANT: POMEN, Annica
 ; APPLICANT: UUTELA, Marko
 ; APPLICANT: ALITALO, Kari
 ; APPLICANT: OESTMAN, Arne
 ; APPLICANT: HELDIN, Carl-Henrik
 ; TITLE OF INVENTION: PLATELET DERIVED GROWTH FACTOR D, DNA CODING THEREFOR AND USES TH
 ; FILE REFERENCE: 1064/44833C2
 ; CURRENT APPLICATION NUMBER: US/10/260,539
 ; CURRENT FILING DATE: 2002-10-01
 ; PRIOR APPLICATION NUMBER: US/10/086,623
 ; PRIOR FILING DATE: 2000-03-04
 ; PRIOR APPLICATION NUMBER: US 60/107,852
 ; PRIOR FILING DATE: 1998-11-10
 ; PRIOR APPLICATION NUMBER: US 60/113,997
 ; PRIOR FILING DATE: 1998-12-28
 ; PRIOR APPLICATION NUMBER: US 60/150,604
 ; PRIOR FILING DATE: 1999-08-26
 ; PRIOR APPLICATION NUMBER: US 60/157,108
 ; PRIOR FILING DATE: 1999-10-04
 ; PRIOR APPLICATION NUMBER: US 60/157,756
 ; PRIOR FILING DATE: 1999-10-05
 ; PRIOR APPLICATION NUMBER: US 09/438,046
 ; PRIOR FILING DATE: 1999-11-10
 ; PRIOR APPLICATION NUMBER: US 09/691,200
 ; PRIOR FILING DATE: 2000-10-19
 ; NUMBER OF SEQ ID NOS: 42
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 4
 ; LENGTH: 200
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-260-539-4

Query Match 100.0%; Score 177; DB 9; Length 200;
 Best Local Similarity 100.0%; Pred. No. 4e-17; 0; Indels 0; Gaps 0;
 Matches 32; Conservative 0; Mismatches 0;

Best Local Similarity 100.0%; Pred. No. 4e-17; Mismatches 0; Indels 0; Gaps 0;
 Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-10-083-853-2
 ; Sequence 2, Application US/10083853
 ; Patent No. US2002164709A1
 GENERAL INFORMATION:
 ; APPLICANT: Affymetrix, Inc
 ; APPLICANT: Shigeta, Ron T
 ; TITLE OF INVENTION: Nucleic Acid Encoding Growth Factor Protein
 CURRENT APPLICATION NUMBER: US/10/083, 853
 CURRENT FILING DATE: 2002-02-26
 PRIOR APPLICATION NUMBER: USSN 60/272, 663
 PRIOR FILING DATE: 2001-03-01
 NUMBER OF SEQ ID NOS: 2
 SOFTWARE: Patentin version 3.1
 SEQ ID NO 2
 LENGTH: 317
 TYPE: PRT
 ORGANISM: Homo Sapiens
 US-10-083-853-2

RESULT 6
 Query Match 100.0%; Score 177; DB 9; Length 317;
 Best Local Similarity 100.0%; Pred. No. 6.4e-17;
 Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 KRRGAKTMAVLVDIQLDHERRCDCICSSRPR 32
 Db 286 KRRGAKTMAVLVDIQLDHERRCDCICSSRPR 317

RESULT 6
 US-10-086-623-6
 ; Sequence 6, Application US/10086623
 ; Patent No. US2002164710A1
 GENERAL INFORMATION:
 ; APPLICANT: ERIKSSON, Ulf
 ; APPLICANT: AASE, Karin
 ; APPLICANT: LI, Xuri
 ; APPLICANT: PONTEN, Annica
 ; APPLICANT: UUTELA, Marko
 ; APPLICANT: ALITALO, Kari
 ; APPLICANT: OESTMAN, Arne
 ; APPLICANT: HELIN, Carl-Perrik
 ; TITLE OF INVENTION: PLATELET DERIVED GROWTH FACTOR D, DNA CODING THEREFOR AND USES
 FILE REFERENCE: 1064/4483C2
 CURRENT APPLICATION NUMBER: US/10/250, 539
 CURRENT FILING DATE: 2002-10-01
 PRIOR APPLICATION NUMBER: US/10/086, 623
 PRIOR FILING DATE: 2000-03-04
 PRIOR APPLICATION NUMBER: US 60/107, 852
 PRIOR FILING DATE: 1998-11-10
 PRIOR APPLICATION NUMBER: US 60/113, 997
 PRIOR FILING DATE: 1998-12-28
 PRIOR APPLICATION NUMBER: US 60/150, 604
 PRIOR FILING DATE: 1999-03-26
 PRIOR APPLICATION NUMBER: US 60/157, 108
 PRIOR FILING DATE: 1999-10-04
 PRIOR APPLICATION NUMBER: US 60/157, 756
 PRIOR FILING DATE: 1999-10-05
 PRIOR APPLICATION NUMBER: US 09/438, 046
 PRIOR FILING DATE: 1999-11-10
 PRIOR APPLICATION NUMBER: US 09/691, 200
 PRIOR FILING DATE: 2000-10-19
 NUMBER OF SEQ ID NOS: 42
 SOFTWARE: Patentin version 3.1
 SEQ ID NO 6
 LENGTH: 322
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-260-539-6

RESULT 8
 Query Match 100.0%; Score 177; DB 9; Length 322;
 Best Local Similarity 100.0%; Pred. No. 6.5e-17;
 Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 KRRGAKTMAVLVDIQLDHERRCDCICSSRPR 32
 Db 291 KRRGAKTMAVLVDIQLDHERRCDCICSSRPR 322

RESULT 7
 US-10-260-539-6
 ; Sequence 6, Application US/10260539
 ; Publication No. US20030073037A1
 GENERAL INFORMATION:
 ; APPLICANT: ERIKSSON, Ulf
 ; APPLICANT: AASE, Karin
 ; APPLICANT: LI, Xuri
 ; APPLICANT: PONTEN, Annica
 ; APPLICANT: UUTELA, Marko
 ; APPLICANT: ALITALO, Kari
 ; APPLICANT: OESTMAN, Arne
 ; APPLICANT: HELIN, Carl-Perrik
 ; TITLE OF INVENTION: PLATELET DERIVED GROWTH FACTOR D, DNA CODING THEREFOR AND USES
 FILE REFERENCE: 1064/4483C2
 CURRENT APPLICATION NUMBER: US/10/250, 539
 CURRENT FILING DATE: 2002-10-01
 PRIOR APPLICATION NUMBER: US/10/086, 623
 PRIOR FILING DATE: 2000-03-04
 PRIOR APPLICATION NUMBER: US 60/107, 852
 PRIOR FILING DATE: 1998-11-10
 PRIOR APPLICATION NUMBER: US 60/113, 997
 PRIOR FILING DATE: 1998-12-28
 PRIOR APPLICATION NUMBER: US 60/150, 604
 PRIOR FILING DATE: 1999-03-26
 PRIOR APPLICATION NUMBER: US 60/157, 108
 PRIOR FILING DATE: 1999-10-04
 PRIOR APPLICATION NUMBER: US 60/157, 756
 PRIOR FILING DATE: 1999-10-05
 PRIOR APPLICATION NUMBER: US 09/438, 046
 PRIOR FILING DATE: 1999-11-10
 PRIOR APPLICATION NUMBER: US 09/691, 200
 PRIOR FILING DATE: 2000-10-19
 NUMBER OF SEQ ID NOS: 42
 SOFTWARE: Patentin version 3.1
 SEQ ID NO 6
 LENGTH: 322
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-260-539-6

RESULT 8
 Query Match 100.0%; Score 177; DB 9; Length 322;
 Best Local Similarity 100.0%; Pred. No. 6.5e-17;
 Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 KRRGAKTMAVLVDIQLDHERRCDCICSSRPR 32
 Db 291 KRRGAKTMAVLVDIQLDHERRCDCICSSRPR 322

RESULT 8
 US-10-260-539-6
 ; Sequence 186, Application US/10028072
 ; Publication No. US2003004311A1
 GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Bersini, Maureen
 ; APPLICANT: Derouge, Laura
 ; APPLICANT: Desnoyers, Luc

RESULT 8
 US-10-086-623-6
 ; Sequence 186, Application US/10028072
 ; Publication No. US2003004311A1
 GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Bersini, Maureen
 ; APPLICANT: Derouge, Laura
 ; APPLICANT: Desnoyers, Luc

RESULT 8
 US-10-086-623-6
 ; Sequence 186, Application US/10028072
 ; Publication No. US2003004311A1
 GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Bersini, Maureen
 ; APPLICANT: Derouge, Laura
 ; APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanae, Colin K.
 APPLICANT: Wood, William
 APPLICANT: Zhang

TITLE OF INVENTION:

FILE REFERENCE:

CURRENT APPLICATION NUMBER: US10/028,072
 CURRENT FILING DATE: 2001-12-19
 PRIOR APPLICATION NUMBER: 60/049911

PRIOR FILING DATE: 1997-06-18
 PRIOR APPLICATION NUMBER: 60/056974
 PRIOR FILING DATE: 1997-08-26
 PRIOR APPLICATION NUMBER: 60/059113
 PRIOR FILING DATE: 1997-09-17
 PRIOR APPLICATION NUMBER: 60/059115
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 PRIOR APPLICATION NUMBER: 60/059588
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 PRIOR FILING DATE: 1997-09-24
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 PRIOR FILING DATE: 1998-02-04
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 PRIOR FILING DATE: 1998-02-09
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 PRIOR FILING DATE: 1998-03-12
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 PRIOR APPLICATION NUMBER: 60/085339

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 PRIOR APPLICATION NUMBER: 60/090863
 PRIOR FILING DATE: 1998-06-26
 PRIOR APPLICATION NUMBER: 60/091360
 PRIOR FILING DATE: 1998-07-01
 PRIOR APPLICATION NUMBER: 60/091519
 PRIOR FILING DATE: 1998-07-02
 PRIOR APPLICATION NUMBER: 60/091982
 PRIOR FILING DATE: 1998-07-07

Query Match 100.0%; Score 177; DB 9; Length 364;
 Best Local Similarity 100.0%; Pred. No. 7. 3e-17;
 Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KRRGAKTMAVLVIDOLDHHERCDCTCSSRPR 32
 Db 333 KRRGAKTMAVLVIDOLDHHERCDCTCSSRPR 364

RESULT 10
 US-10-121-904-186
 Sequence 186, Application US/10123904
 Publication No. US2003002228A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Flivaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerlitsen, Mary E.
 APPLICANT: Deforge, Laura
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Steart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanae, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE REFERENCE: P33301C54
 CURRENT FILING DATE: 2002-04-16
 Prior Application removed - See File Wrapper or Palm
 SEQ ID NO 186
 LENGTH: 364
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-123-904-186

Query Match 100.0%; Score 177; DB 9; Length 364;
 Best Local Similarity 100.0%; Pred. No. 7. 3e-17;
 Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KRRGAKTMAVLVIDOLDHHERCDCTCSSRPR 32
 Db 333 KRRGAKTMAVLVIDOLDHHERCDCTCSSRPR 364

RESULT 9
 US-10-121-049-186
 ; Sequence 186, Application US/10121049
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Flivaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Steart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanae, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 TITLE OF INVENTION: ACIDS ENCODING THE SAME
 FILE REFERENCE: P33301C54
 CURRENT FILING DATE: 2002-04-16
 Prior Application removed - See File Wrapper or Palm
 SEQ ID NO 186
 LENGTH: 364
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-123-904-186

US-10-140-470-186
; Sequence 186, Application US/10140470
; Publication No. US20030022331A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Delforge, Laura
; APPLICANT: Desnoyes, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hurniak, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C160
; CURRENT APPLICATION NUMBER: US/10/140,470
; CURRENT FILING DATE: 2002-05-06
; PRIOR Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 186
; LENGTH: 364
; TYPE: PRY
; ORGANISM: Homo Sapien
; US-10-140-470-186

RESULT 12
Query Match 100.0%; Score 177; DB 9;
Best Local Similarity 100.0%; Pred. No. 7.3e-17;
Matches 32; Conservative 0; Mismatches 0;
Indels 0; Gaps 0;
QY 1 KRRGAKTMAVLVDIQLDHHERCDCICSSRPR 32
Db 333 KRRGAKTMAVLVDIQLDHHERCDCICSSRPR 364

US-10-175-745-186
; Sequence 186, Application US/10175746
; Publication No. US20030027270A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Delforge, Laura
; APPLICANT: Desnoyes, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hurniak, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C82
; CURRENT APPLICATION NUMBER: US/10/175,918
; CURRENT FILING DATE: 2002-06-20
; PRIOR Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 186
; LENGTH: 364
; TYPE: PRY
; ORGANISM: Homo Sapien
; US-10-175-745-186

RESULT 13
Query Match 100.0%; Score 177; DB 9;
Best Local Similarity 100.0%; Pred. No. 7.3e-17;
Matches 32; Conservative 0; Mismatches 0;
Indels 0; Gaps 0;
QY 1 KRRGAKTMAVLVDIQLDHHERCDCICSSRPR 32
Db 333 KRRGAKTMAVLVDIQLDHHERCDCICSSRPR 364

US-10-176-918-186
; Sequence 186, Application US/10176918
; Publication No. US20030027275A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Delforge, Laura
; APPLICANT: Desnoyes, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hurniak, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C82
; CURRENT APPLICATION NUMBER: US/10/176,918
; CURRENT FILING DATE: 2002-06-20
; PRIOR Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 186
; LENGTH: 364
; TYPE: PRY
; ORGANISM: Homo Sapien
; US-10-176-918-186

RESULT 14
Query Match 100.0%; Score 177; DB 9;
Best Local Similarity 100.0%; Pred. No. 7.3e-17;
Matches 32; Conservative 0; Mismatches 0;
Indels 0; Gaps 0;
QY 1 KRRGAKTMAVLVDIQLDHHERCDCICSSRPR 32
Db 333 KRRGAKTMAVLVDIQLDHHERCDCICSSRPR 364

US-10-176-921-186
; Sequence 186, Application US/10176921
; Publication No. US20030027276A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Delforge, Laura
; APPLICANT: Desnoyes, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.

Search completed: June 11, 2003, 08:16:58
 Job time : 5.22222 secs

APPLICANT:	Sherwood, Steven
APPLICANT:	Smith, Victoria
APPLICANT:	Stewart, Timothy A.
APPLICANT:	Tumas, Daniel
APPLICANT:	Watanaabe, Colin K
APPLICANT:	Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME	
FILE REFERENCE:	P330RIC288
CURRENT APPLICATION NUMBER:	US/10/176,921
CURRENT FILING DATE:	2002-06-20
PRIOR APPLICATION removed - See File Wrapper or Palm	
NUMBER OF SEQ ID NOS:	550
SEQ ID NO:	186
LENGTH:	364
TYPE:	PRT
ORGANISM: Homo sapien	
US-10-176,921-186	
Query Match Sequence 186, Application US/10/137865	
Publication No. US20030032155A1	
GENERAL INFORMATION:	
APPLICANT:	Baker, Kevin P.
APPLICANT:	Berezini, Maureen
APPLICANT:	DeForge, Laura
APPLICANT:	Desnoyers, Luc
APPLICANT:	Filvaroff, Ellen
APPLICANT:	Gao, Wei-Qiang
APPLICANT:	Gerritsen, Mary E.
APPLICANT:	Goddard, Audrey
APPLICANT:	Godowski, Paul J.
APPLICANT:	Gurney, Austin L.
APPLICANT:	Sherwood, Steven
APPLICANT:	Smith, Victoria
APPLICANT:	Stewart, Timothy A..
APPLICANT:	Tumas, Daniel
APPLICANT:	Watanaabe, Colin K
APPLICANT:	Wood, William
APPLICANT:	Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME	
FILE REFERENCE:	P330RIC154
CURRENT APPLICATION NUMBER:	US/10/137,865
CURRENT FILING DATE:	2002-05-03
PRIOR APPLICATION removed - See Palm or File Wrapper	
NUMBER OF SEQ ID NOS:	550
SEQ ID NO:	186
LENGTH:	364
TYPE:	PRT
ORGANISM: Homo sapien	
US-10-137-865-186	
Query Match Score 177; DB 9; Length 364;	
Best Local Similarity	100.0%
Matches	32;
Matches	32; Conservative
Qy	1 KRRGRAKTMLAVIDQLDHHERCDCICSSRPR 32
Db	333 KRRGRAKTMLAVIDQLDHHERCDCICSSRPR 364

